

U. S. TREASURY DEPARTMENT

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THE NOTIFIABLE DISEASES

PREVALENCE IN STATES

1929

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DETROIT, MICH.

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THE NOTIFIABLE DISEASES

PREVALENCE DURING 1929 IN STATES

The tables which appear on the following pages have been compiled from data furnished by the health officers of the several States, the District of Columbia, and insular possessions. The data for syphilis and gonorrhea were furnished by the Division of Venereal Diseases of the Public Health Service. The reports of tularaemia and undulant fever received from State health officers have been supplemented by other data received by the Public Health Service.

The following is a list of the diseases included:

Anthrax in man.	Rabies in animals.
Chicken pox.	Rabies in man.
Cholera.	Rocky Mountain spotted fever.
Dengue.	Scarlet fever.
Diphtheria.	Septic sore throat.
Gonorrhea.	Smallpox.
Influenza.	Syphilis.
Lethargic encephalitis.	Tuberculosis (all forms and respiratory system).
Malaria.	Tularaemia.
Measles.	Typhoid fever.
Meningococcus meningitis.	Typhus fever.
Mumps.	Undulant fever.
Pellagra.	Whooping cough.
Plague (human).	Yellow fever.
Pneumonia (all forms).	
Poliomyelitis.	

The following table shows the States (including the District of Columbia and insular possessions) for which morbidity and mortality data were received:

Morbidity	Mortality	Morbidity	Mortality
Alabama.....	Alabama.	Nevada.....	Nevada.
Arizona.....	Arizona.	New Hampshire.....	New Hampshire.
Arkansas.....	Arkansas.	New Jersey.....	New Jersey.
California.....	California.	New Mexico.....	New Mexico.
Colorado.....	Colorado.	New York.....	New York.
Connecticut.....	Connecticut.	North Carolina.....	North Carolina.
Delaware.....	Delaware.	North Dakota.....	North Dakota.
District of Columbia.....	District of Columbia.	Ohio.....	Ohio.
Florida.....	Florida.	Oklahoma.....	Oklahoma.
Georgia.....	Georgia.	Oregon.....	Oregon.
Idaho.....	Idaho.	Pennsylvania.....	Pennsylvania.
Illinois.....	Illinois.	Rhode Island.....	Rhode Island.
Indiana.....	Indiana.	South Carolina.....	South Carolina.
Iowa.....	Iowa.	South Dakota.....	South Dakota.
Kansas.....	Kansas.	Tennessee.....	Tennessee.
Kentucky.....	Kentucky.	Texas.....	Texas.
Louisiana.....	Louisiana.	Utah.....	Utah.
Maine.....	Maine.	Vermont.....	Vermont.
Maryland.....	Maryland.	Virginia.....	Virginia.
Massachusetts.....	Massachusetts.	Washington.....	Washington.
Michigan.....	Michigan.	West Virginia.....	West Virginia.
Minnesota.....	Minnesota.	Wisconsin.....	Wisconsin.
Mississippi.....	Mississippi.	Wyoming.....	Wyoming.
Missouri.....	Missouri.	Hawaii Territory.....	Hawaii Territory.
Montana.....	Montana.	Philippine Islands.....	Philippine Islands.
Nebraska.....	Nebraska.		Porto Rico.

The populations used in computing case and death rates were estimated as of July 1, 1929, based on the 1920 populations and the preliminary figures for the 1930 census. Final figures for the 1930 census will make some difference in the rates for a few States. The populations given in the tables are the estimated populations of July 1, 1929, to the nearest thousand.

For most of the diseases four tables are given: (1) Estimated expectancy, (2) morbidity, (3) mortality, (4) rates.

The estimated expectancy, given in the tables for some of the diseases, is the result of an attempt to ascertain from the experience of recent years how many cases of the disease under consideration might be expected in 1929. In most instances the estimated expectancy is the median number of cases reported by the State for the years 1922 to 1928, inclusive. When several epidemics have occurred during these years, or when for other reasons the median is not satisfactory, epidemic years are excluded, and the estimated expectancy is the mean of the number of cases reported for the nonepidemic years. The aim has been to ascertain how many cases of each disease may reasonably be expected in the absence of epidemics.

The column headed "Number of years" shows the number of years for which data are available for each State.

In comparing the figures for 1929 with the estimated expectancy, or with reports for preceding years, it should be borne in mind that there has been a gradual improvement in the reporting of communicable diseases during the last few years. An increase in the number of cases reported may be due to better reporting of the particular disease rather than to an increase in the number of cases occurring.

A relatively large number of reported cases of a communicable disease, as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths, as indicated by a low fatality rate), usually means that the health department of that State is active and that the cases of the disease are being well reported by the practicing physicians. It does not necessarily mean that the disease is more prevalent in that State than in other States. A high fatality rate may mean that the disease was unusually virulent in a State, that the physicians did not treat the disease in that State with the success usual elsewhere, or that the practicing physicians did not report all of their cases. On the other hand, an unusually low fatality rate may be due to the fact that the disease in the State was unusually mild; that the physicians treated it with unusual success; that the practicing physicians reported their cases satisfactorily; or that the registration of deaths was incomplete, or the assignment of the causes of death inaccurate.

In some instances comparatively large numbers of cases of diseases reported in certain States may be due to the system of reporting

rather than to unusual prevalence of the diseases. For instance, in Mississippi physicians report some diseases monthly to the State health officer, giving the number of cases occurring in their practice during the month. This method of reporting probably is responsible, in part, at least, for the comparatively large numbers of cases of certain diseases reported in Mississippi.

Tabulations of reported cases and deaths from communicable diseases, similar to the tables here presented, have been issued by the United States Public Health Service for the years 1912 to 1928, inclusive (Reprints numbered 163, 208, 298, 345, 426, 505, 551, 643, 681, 791, 879, 974, 1056, 1132, and Supplements No. 67, No. 73, and No. 79, respectively).

SUMMARY

CHICKEN POX

48 States:¹

Cases reported, 1929 (population 121,455,000).....	216, 635
Estimated expectancy, based on years 1922-1928.....	180, 359
Cases per 1,000 inhabitants, 1929.....	1. 784
Cases per 1,000 inhabitants, estimated expectancy.....	1. 571

46 States:¹

Deaths registered, 1929 (population 116,840,000).....	147
Deaths per 1,000 inhabitants, 1929.....	0. 001
Cases reported for each death registered, 1929.....	1, 416

DIPHTHERIA

48 States:¹

Cases reported, 1929 (population 121,455,000).....	85, 365
Estimated expectancy, based on years 1922-1928.....	108, 176
Cases per 1,000 inhabitants, 1929.....	0. 703
Cases per 1,000 inhabitants, estimated expectancy.....	0. 942
Deaths registered, 1929.....	7, 937
Deaths per 1,000 inhabitants, 1929.....	0. 065
Cases reported for each death registered, 1929.....	11

GONORRHEA

39 States:¹

Cases reported, 1929 (population 112,106,000).....	148, 132
Cases per 1,000 inhabitants, 1929.....	1. 321

INFLUENZA

40 States:¹

Cases reported, 1929 (population 89,210,000).....	682, 928
Cases per 1,000 inhabitants, 1929.....	7. 655
Deaths registered, 1929.....	51, 499
Deaths per 1,000 inhabitants, 1929.....	0. 577
Cases reported for each death registered, 1929.....	13

48 States:¹

Deaths registered, 1929 (population 121,455,000).....	66, 247
Deaths per 1,000 inhabitants, 1929.....	0. 545

¹ The District of Columbia is also included

NOTIFIABLE DISEASES—STATES—1929

LETHARGIC ENCEPHALITIS

44 States:¹

Deaths registered, 1929 (population 115,784,000).....	1, 359
Deaths per 1,000 inhabitants, 1929.....	0. 012

MALARIA

33 States:

Cases reported, 1929 (population 100,853,000).....	164, 030
Cases per 1,000 inhabitants, 1929.....	1. 626
Deaths registered, 1929.....	4, 036
Deaths per 1,000 inhabitants, 1929.....	0. 040
Cases reported for each death registered, 1929.....	41

38 States:¹

Deaths registered, 1929 (population 114,447,000).....	4, 146
Deaths per 1,000 inhabitants, 1929.....	0. 036

MEASLES

48 States:¹

Cases reported, 1929 (population 121,455,000).....	366, 056
Estimated expectancy, based on years 1922-1928.....	362, 997
Cases per 1,000 inhabitants, 1929.....	3. 014
Cases per 1,000 inhabitants, estimated expectancy.....	3. 161
Deaths registered, 1929.....	2, 919
Deaths per 1,000 inhabitants, 1929.....	0. 024
Cases reported for each death registered, 1929.....	125

MENINGOCOCCUS MENINGITIS

46 States:¹

Cases reported, 1929 (population 120,633,000).....	10, 551
Estimated expectancy, based on years 1922-1928.....	2, 432
Cases per 1,000 inhabitants, 1929.....	0. 087
Cases per 1,000 inhabitants, estimated expectancy.....	0. 021

45 States:¹

Deaths registered, 1929 (population 115,865,000).....	4, 787
Deaths per 1,000 inhabitants, 1929.....	0. 041

44 States:¹

Deaths registered, 1929 (population 115,401,000).....	4, 785
Deaths per 1,000 inhabitants, 1929.....	0. 041
Cases reported for each death registered, 1929.....	2

MUMPS

43 States:

Cases reported, 1929 (population 107,208,000).....	103, 269
Estimated expectancy, based on years 1922-1928.....	84, 800
Cases per 1,000 inhabitants, 1929.....	0. 963
Cases per 1,000 inhabitants, estimated expectancy.....	0. 836

46 States:¹

Deaths registered, 1929 (population 116,840,000).....	104
Deaths per 1,000 inhabitants, 1929.....	0. 001

41 States:

Deaths registered, 1929 (population 102,593,000).....	93
Deaths per 1,000 inhabitants, 1929.....	0. 001
Cases reported for each death registered, 1929.....	1, 073

¹The District of Columbia is also included.

PELLAGRA

13 States: ¹

Cases reported, 1929 (population 25,841,000)	25, 423
Cases per 1,000 inhabitants, 1929	0. 984

41 States: ¹

Deaths registered, 1929 (population 114,917,000)	7, 386
Deaths per 1,000 inhabitants, 1929	0. 064

PNEUMONIA (ALL FORMS)

46 States: ¹

Deaths registered, 1929 (population 113,626,000)	107, 274
Deaths per 1,000 inhabitants, 1929	0. 944

POLIOMYELITIS (INFANTILE PARALYSIS)

41 States: ¹

Cases reported, 1929 (population 105,716,000)	2, 837
Estimated expectancy, based on years 1922-1928	3, 394
Cases per 1,000 inhabitants, 1929	0. 027
Cases per 1,000 inhabitants, estimated expectancy	0. 034
Deaths registered, 1929	706
Deaths per 1,000 inhabitants, 1929	0. 007
Cases reported for each death registered, 1929	4

48 States: ¹

Deaths registered, 1929 (population 121,455,000)	843
Deaths per 1,000 inhabitants, 1929	0. 007

SCARLET FEVER

48 States: ¹

Cases reported, 1929 (population 121,455,000)	182, 634
Estimated expectancy, based on years 1922-1928	175, 154
Cases per 1,000 inhabitants, 1929	1. 504
Cases per 1,000 inhabitants, estimated expectancy	1. 525
Deaths registered, 1929	2, 497
Deaths per 1,000 inhabitants, 1929	0. 021
Cases reported for each death registered, 1929	73

SEPTIC SORE THROAT

30 States:

Cases reported, 1929 (population 65,312,000)	3, 267
Cases per 1,000 inhabitants, 1929	0. 050

38 States: ¹

Deaths registered, 1929 (population 89,839,000)	1, 569
Deaths per 1,000 inhabitants, 1929	0. 017

SMALLPOX

48 States: ¹

Cases reported, 1929 (population 121,455,000)	42, 282
Estimated expectancy, based on years 1922-1928	31, 096
Cases per 1,000 inhabitants, 1929	0. 348
Cases per 1,000 inhabitants, estimated expectancy	0. 271
Deaths registered, 1929	145
Deaths per 1,000 inhabitants, 1929	0. 001
Cases reported for each death registered, 1929	292

¹ The District of Columbia is also included.

SYPHILIS

39 States: ¹

Cases reported, 1929 (population 112,106,000).....	196, 932
Cases per 1,000 inhabitants, 1929.....	1. 757

TUBERCULOSIS (ALL FORMS)

48 States: ¹

Deaths registered, 1929 (population 121,455,000).....	90, 470
Deaths per 1,000 inhabitants, 1929.....	0. 745

TUBERCULOSIS (RESPIRATORY SYSTEM)

45 States: ¹

Deaths registered, 1929 (population 114,641,000).....	77, 011
Deaths per 1,000 inhabitants, 1929.....	0. 672

TYPHOID FEVER

48 States: ¹

Cases reported, 1929 (population 121,455,000).....	23, 289
Estimated expectancy, based on years 1922-1928.....	34, 417
Cases per 1,000 inhabitants, 1929.....	0. 192
Cases per 1,000 inhabitants, estimated expectancy.....	0. 300
Deaths registered, 1929.....	5, 232
Deaths per 1,000 inhabitants, 1929.....	0. 043
Cases reported for each death registered, 1929.....	4

WHOOPIING COUGH

48 States: ¹

Cases reported, 1929 (population 121,455,000).....	197, 371
Estimated expectancy, based on years 1922-1928.....	153, 862
Cases per 1,000 inhabitants, 1929.....	1. 625
Cases per 1,000 inhabitants, estimated expectancy.....	1. 340
Deaths registered, 1929.....	6, 956
Deaths per 1,000 inhabitants, 1929.....	0. 057
Cases reported for each death registered, 1929.....	28

Anthrax in man—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
California.....									3	1			4
Connecticut.....				1				1					2
Delaware.....	1		1							1	1		4
Georgia.....					1								1
Iowa.....										1			1
Louisiana.....								1				1	2
Maine.....						1	1						2
Massachusetts.....	2	2	3		1	1			1	1		1	11
Mississippi.....											1	1	1
New Jersey.....	2	5	2	1	1								11
New Mexico.....								2					2
New York.....			3	2	2	2	1			3	2	1	16
Ohio.....									1				1
Oklahoma.....								1		2			3
Oregon.....											1		1
Pennsylvania.....	1	1	1	1	1		5	1		1	1	2	15
Rhode Island.....												1	1
Texas.....					1								1

¹ The District of Columbia is also included.

Anthrax in man—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Florida.....	1									1			2
Iowa.....										1			1
Maine.....										1			1
Massachusetts.....	1		2										3
Michigan.....							1						1
New Jersey.....		1		1	1								3
New York.....								1	1			1	4
Oregon.....											1		1
Pennsylvania.....													1
South Dakota.....			1										1
Texas.....								1					1
Vermont.....									1				1

1 Month not given.

Chicken pox—Monthly estimated expectancy based on data which are available for the years 1922-1928, inclusive

State	Number of years included	January	February	March	April	May	June	July	August	September	October	November	December	Total
Alabama.....	7	300	211	266	210	166	68	21	11	14	25	71	142	1,505
Arizona.....	7	41	36	49	37	24	9	3		3	9	20	30	261
Arkansas.....	7	170	136	135	107	71	46	36	33	13	39	61	99	946
California.....	7	1,387	1,783	1,850	1,423	1,311	870	311	145	180	563	912	1,116	11,851
Colorado.....	6	306	234	247	192	193	143	68	19	25	153	281	279	2,140
Connecticut.....	7	503	376	294	207	220	225	95	17	17	133	409	428	2,924
Delaware.....	7	46	20	17	21	10	7	2			8	12	19	162
District of Columbia.....	7	179	150	161	123	97	80	17	5	6	14	86	117	1,035
Florida.....	7	43	55	96	107	72	22	3	4	2	2	5	26	437
Georgia.....	7	110	127	192	182	99	52	17	4	5	16	30	78	912
Idaho.....	7	65	44	36	29	25	17	7	8	6	24	89	85	435
Illinois.....	7	1,945	1,497	1,506	1,071	1,036	941	364	138	152	652	1,541	1,984	12,827
Indiana.....	5	401	450	374	271	247	232	50	24	18	154	473	690	3,384
Iowa.....	7	156	102	117	98	68	63	19	7	9	65	180	206	1,090
Kansas.....	7	672	554	462	323	277	150	37	13	38	213	568	590	3,897
Kentucky.....	5	135	70	72	59	51	39	9	7	10	20	62	91	625
Louisiana.....	7	37	61	51	49	32	8	2	1	1	14	32	289	
Maine.....	7	161	119	131	102	76	58	39	11	17	78	171	257	1,220
Maryland.....	7	712	446	438	387	379	276	65	16	25	123	378	534	3,779
Massachusetts.....	7	1,320	931	821	612	558	601	290	72	83	412	935	1,242	7,877
Michigan.....	7	1,115	719	666	552	565	637	222	85	80	410	975	1,181	7,207
Minnesota.....	7	738	527	611	459	447	427	132	37	57	291	676	807	5,209
Mississippi.....	7	802	885	894	777	553	287	200	228	175	171	409	656	6,037
Missouri.....	7	354	330	364	226	237	140	36	13	20	98	263	401	2,482
Montana.....	7	113	74	63	56	63	32	15	8	20	121	162	101	828
Nebraska.....	7	154	128	87	84	85	58	15	10	12	41	130	175	979
Nevada.....	4	17	8	8	8	4	4	2	1	1	6	13	11	83
New Hampshire.....	7	16	11	11	6	13	9	2		2	10	15	24	119
New Jersey.....	7	1,077	895	864	645	716	636	195	55	55	336	747	1,075	7,296
New Mexico.....	7	106	82	53	62	30	15	5	2	3	11	40	51	460
New York.....	7	2,716	2,372	2,030	1,719	1,753	1,757	763	290	217	869	2,232	2,916	19,634
North Carolina.....	7	758	855	848	517	368	198	63	30	28	98	377	598	4,738
North Dakota.....	7	86	65	67	41	35	24	17	7	8	53	92	139	634
Ohio.....	7	1,746	1,437	1,290	950	918	818	323	113	129	684	1,935	2,258	12,601
Oklahoma.....	7	155	143	115	100	68	41	14	2	5	15	64	94	816
Oregon.....	7	148	102	99	98	103	75	40	15	22	95	139	138	1,074
Pennsylvania.....	7	3,339	3,105	2,168	1,647	1,434	1,172	442	153	223	1,183	3,093	3,580	21,539
Rhode Island.....	7	48	44	34	30	19	15	10	4	3	10	39	54	310
South Carolina.....	5	64	72	109	113	42	42	9	1	3	9	33	46	543
South Dakota.....	7	105	72	73	50	45	24	12	7	9	22	78	87	584
Tennessee.....	7	254	306	206	207	106	71	28	19	23	34	149	158	1,561
Texas.....	7	235	396	326	325	245	153	32	16	5	12	30	172	1,947
Rhode Island.....	5	660	488	375	339	316	268	122	50	67	282	668	621	4,256
Vermont.....	7	224	181	122	103	90	94	45	14	26	108	209	223	1,439
Virginia.....	7	953	832	832	716	558	325	121	43	62	221	582	745	5,990
Washington.....	7	414	420	417	352	337	263	118	51	72	278	518	532	3,772
West Virginia.....	7	223	186	227	170	116	84	31	10	20	106	251	312	1,736
Wisconsin.....	7	1,175	913	913	838	583	622	324	95	88	425	1,038	1,424	8,438
Wyoming.....	7	53	43	41	32	37	15	9	3	9	49	97	63	451

Chicken pox—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama	169	157	268	185	219	79	16	14	7	14	91	83	1,302
Arizona	73	32	59	39	15	57	3	3	1	15	50	93	440
Arkansas	307	135	222	104	63	30	28	22	8	28	73	140	1,160
California	1,463	2,140	2,511	2,346	2,828	1,305	417	148	208	802	1,052	1,362	16,642
Colorado	195	260	434	581	269	223	82	40	41	182	539	549	3,395
Connecticut	567	288	358	229	321	316	84	92	38	241	641	716	3,891
Delaware	30	15	14	14	8	10	6	2	1	58	57	51	266
District of Columbia	164	139	162	132	103	46	10	9	4	25	58	95	947
Florida	67	98	100	72	68	16	1	1	4	5	40	103	575
Georgia	121	53	98	100	80	33	9	8	4	12	60	132	710
Idaho	44	59	18	30	16	7	17	11	31	63	192	180	668
Illinois	1,465	1,042	1,279	1,168	1,437	1,233	393	119	214	1,071	2,144	2,290	13,855
Indiana	331	406	470	225	363	223	35	19	23	124	594	548	3,301
Iowa	167	142	165	107	217	108	54	15	16	139	508	356	1,994
Kansas	529	620	592	441	300	148	43	17	44	225	545	750	4,254
Kentucky	100	59	50	66	53	33	12	4	10	90	196	122	795
Louisiana	65	95	79	53	34	14	1	1	1	7	45	66	459
Maine	221	137	113	99	122	141	33	9	20	133	430	316	1,774
Maryland	625	406	379	264	314	234	46	24	23	126	349	420	3,210
Massachusetts	1,696	683	743	768	918	958	412	132	127	500	1,306	1,425	9,668
Michigan	1,020	764	1,006	765	1,138	1,004	406	127	115	776	1,854	1,858	10,833
Minnesota	1,011	577	583	378	436	369	127	35	81	404	1,181	1,642	8,824
Mississippi	884	917	1,097	929	588	262	286	226	147	248	584	973	7,135
Missouri	359	314	426	279	243	183	57	18	38	169	462	396	2,944
Montana	97	54	94	108	101	31	22	10	25	102	108	70	822
Nebraska	204	161	116	86	154	76	30	14	19	118	177	187	1,342
Nevada	3	2	16	29	61	24	17	6	1	1	3	6	169
New Hampshire	18	28	10	9	12	5	5	9	4	25	35	43	198
New Jersey	1,314	1,011	1,228	1,085	1,296	1,129	216	70	54	451	983	1,400	10,236
New Mexico	85	69	101	87	60	39	4	3	4	3	41	84	580
New York	3,069	2,095	2,909	2,491	2,961	2,492	778	233	200	924	2,162	2,895	23,209
North Carolina	550	768	872	579	490	202	55	28	74	156	478	745	4,997
North Dakota	77	28	13	61	66	71	48	25	21	94	218	152	874
Ohio	1,457	1,151	1,313	1,126	1,286	1,155	357	117	188	1,148	2,870	3,255	15,423
Oklahoma	92	97	74	62	24	52	15	5	2	16	130	86	655
Oregon	129	213	264	209	178	127	35	20	25	72	275	226	1,773
Pennsylvania	2,827	2,356	2,338	2,040	2,171	1,630	412	186	200	1,680	3,834	3,972	23,646
Rhode Island	59	25	51	56	53	26	20	8	3	9	64	56	430
South Carolina	204	264	435	422	295	173	94	38	57	51	136	162	2,331
South Dakota	75	69	38	46	21	14	37	7	11	42	117	164	641
Tennessee	249	170	294	120	129	71	12	5	6	24	155	143	1,378
Texas	157	150	231	257	277	159	44	19	22	10	115	473	1,914
Utah	473	383	346	285	381	271	108	52	62	251	440	581	3,633
Vermont	76	133	48	38	74	80	48	37	30	159	303	171	1,197
Virginia	650	585	699	636	498	396	140	66	92	217	496	601	5,076
Washington	466	366	444	527	539	272	111	62	121	488	701	791	4,888
West Virginia	244	143	226	103	105	105	18	21	11	66	346	275	1,663
Wisconsin	1,327	1,221	1,097	865	1,463	1,106	357	124	132	1,013	1,701	1,721	12,127
Wyoming	47	49	54	56	54	22	14	5	4	13	34	39	391

Chicken pox—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
California	1	1	2	4		1	1		1				11
Connecticut	1					1				1		1	4
Delaware											1		1
Florida			1			1					1		3
Illinois	3	2	2	1						1		3	12
Iowa	1		2	1	2	1	1	1				1	10
Kansas			1				1				1		4
Louisiana	2	1											4
Maine	1											1	2
Maryland	1		2										3
Massachusetts			1	1	1						1	1	5
Minnesota												1	1
Missouri	3	3										1	7
Nebraska		1				1							2
New Jersey	1		1		2						1		5

Chicken pox—Deaths registered, 1929—Continued

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
New Mexico.....		1											1
New York.....	5	6	4		3			1				2	21
North Carolina.....	1												1
Ohio.....			2	2			1				2	1	8
Oregon.....	1												1
Utah.....				1									1
Virginia.....	1			1						1			3
Washington.....		2						1			1		4
West Virginia.....	1			1	1							1	4
Wisconsin.....	1		1	1		2						1	6

Chicken pox—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929; estimated expectancy and indicated annual rates based on years 1922-1928

State	Population estimated, July 1, 1929	Estimated expectancy			1929				
		Number of years	Cases	Cases per 1,000 inhabitants	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	7	1,505	0.600	1,302	0.496			
Arizona.....	428,000	7	261	.671	440	1.027	0		
Arkansas.....	1,847,000	7	946	.524	1,160	.628	0		
California.....	5,508,000	7	11,851	2.559	16,642	3.022	11	0.002	1,513
Colorado.....	1,028,000	6	2,140	2.160	3,395	3.302	0		
Connecticut.....	1,588,000	7	2,924	1.948	3,891	2.450	4	.002	973
Delaware.....	237,000	7	162	.701	266	1.121	1	.004	266
District of Columbia.....	483,000	7	1,035	2.230	947	1.960	0		
Florida.....	1,430,000	7	437	.354	575	.402	3	.002	192
Georgia.....	2,902,000	7	912	.315	710	.245	0		
Idaho.....	445,000	7	435	.990	668	1.502	0		
Illinois.....	7,526,000	7	12,827	1.810	13,855	1.841	12	.002	1,155
Indiana.....	3,204,000	5	3,384	1.096	3,301	1.030	0		
Iowa.....	2,463,000	7	1,090	.447	1,994	.809	10	.004	199
Kansas.....	1,872,000	7	3,897	2.131	4,254	2.273	4	.002	1,063
Kentucky.....	2,609,000	5	625	.247	795	.305	0		
Louisiana.....	2,073,000	7	289	.148	459	.221	4	.002	115
Maine.....	798,000	7	1,220	1.554	1,774	2.224	2	.002	887
Maryland.....	1,616,000	7	3,779	2.444	3,210	1.986	3	.002	1,070
Massachusetts.....	4,224,000	7	7,877	1.936	9,668	2.289	5	.001	1,934
Michigan.....	4,756,000	7	7,207	1.677	10,833	2.278	0		
Minnesota.....	2,553,000	7	5,209	2.098	6,824	2.673	1	.000	6,824
Mississippi.....	1,992,000	7	6,037	3.165	7,135	3.582			
Missouri.....	3,605,000	7	2,482	.705	2,944	.817	7	.002	421
Montana.....	537,000	7	828	1.527	822	1.530	0		
Nebraska.....	1,373,000	7	979	.730	1,342	.977	2	.001	671
Nevada.....	90,000	4	83	.980	169	1.878	0		
New Hampshire.....	464,000	7	119	.262	198	.427	0		
New Jersey.....	3,964,000	7	7,296	2.013	10,236	2.582	5	.001	2,047
New Mexico.....	422,000	7	460	1.161	580	1.373	1	.002	580
New York.....	12,456,000	7	19,634	1.695	23,209	1.863	21	.002	1,105
North Carolina.....	3,126,000	7	4,738	1.641	4,997	1.599	1	.000	4,997
North Dakota.....	680,000	7	634	.952	874	1.286	0		
Ohio.....	6,575,000	7	12,601	2.022	15,423	2.346	8	.001	1,928
Oklahoma.....	2,365,000	7	816	.367	655	.277	0		
Oregon.....	940,000	7	1,074	1.229	1,773	1.886	1	.001	1,773
Pennsylvania.....	9,573,000	7	21,539	2.338	23,646	2.470	23	.002	1,028
Rhode Island.....	681,000	7	310	.478	430	.631	0		
South Carolina.....	1,729,000	5	543	.318	2,331	1.348	0		
South Dakota.....	687,000	7	584	.877	641	.933	0		
Tennessee.....	2,589,000	7	1,561	.629	1,378	.532	0		
Texas.....	5,737,000	7	1,947	.368	1,914	.334	0		
Utah.....	499,000	5	4,256	8.905	3,633	7.285	1	.002	3,633
Vermont.....	359,000	7	1,439	4.042	1,197	3.338	0		
Virginia.....	2,411,000	7	5,990	2.529	5,076	2.105	3	.001	1,692
Washington.....	1,547,000	7	3,772	2.572	4,888	3.160	4	.003	1,222
West Virginia.....	1,709,000	7	1,736	1.081	1,663	.973	4	.002	416
Wisconsin.....	2,908,000	7	8,438	3.022	12,127	4.170	6	.002	2,021
Wyoming.....	222,000	7	451	2.141	391	1.758	0		

Cholera

No case of cholera, or death from this disease, was reported in the United States during 1929.

Dengue—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama		1		3	1	1	1	2	4	5	2	1	21
California							2	1					3
Florida		1	1							3			5
Georgia				28	8	3	2	8	9	3			62
Louisiana						1	1						2
Mississippi		1		5	7	28	26	73	57	24	35	1	257
South Carolina			5	5	6	25	3	13	11	9	9	5	97
Texas	4	2	5			2		1		3	11	16	38

Dengue—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Louisiana					1		1						2

Diphtheria—Monthly estimated expectancy based on data which are available for the years 1922–1928, inclusive

State	Number of years included	January	February	March	April	May	June	July	August	September	October	November	December	Total
Alabama	7	118	71	55	35	40	32	44	97	240	322	262	155	1,471
Arizona	7	14	20	14	14	9	13	5	4	5	14	19	20	151
Arkansas	7	54	28	20	14	11	11	8	13	39	90	96	67	451
California	7	700	640	626	504	500	511	400	387	491	525	742	787	6,813
Colorado	6	164	131	118	128	116	98	84	100	141	184	145	144	1,553
Connecticut	7	246	191	195	138	103	122	80	80	78	142	173	196	1,744
Delaware	7	21	10	12	7	10	6	4	5	8	11	19	13	126
District of Columbia	7	102	84	53	45	65	31	26	23	46	75	114	76	740
Florida	7	71	58	56	36	37	22	33	50	76	83	127	81	730
Georgia	7	68	59	61	42	33	31	30	63	112	280	167	119	1,065
Idaho	7	15	12	8	13	10	7	9	12	23	12	32	20	173
Illinois	7	761	706	643	509	464	475	367	298	323	587	787	844	6,704
Indiana	7	349	174	132	138	84	98	89	97	125	422	406	237	2,351
Iowa	7	139	89	75	53	70	48	47	46	69	114	132	133	1,015
Kansas	7	164	162	113	69	54	37	50	47	133	212	156	142	1,339
Kentucky	5	94	72	50	42	31	19	13	31	45	101	128	106	732
Louisiana	7	110	89	81	53	54	44	37	56	78	132	166	146	1,046
Maine	7	46	23	26	13	19	20	13	17	21	30	41	300	41
Maryland	7	230	166	154	137	115	110	80	88	119	173	206	220	1,798
Massachusetts	7	578	497	429	394	351	388	264	216	291	432	542	590	4,972
Michigan	7	496	485	441	406	360	369	315	260	334	504	565	496	5,031
Minnesota	7	295	248	218	199	247	188	170	195	325	443	436	318	3,282
Mississippi	7	99	75	71	51	47	34	48	105	161	238	250	159	1,338
Missouri	7	355	325	290	243	193	149	114	113	155	368	389	332	3,026
Montana	7	29	39	45	36	21	15	11	21	29	18	21	30	315
Nebraska	7	52	59	52	37	32	26	20	22	40	98	110	61	609
Nevada	4	2	1	3		1	1	2	1	3	4	6	26	26
New Hampshire	7	24	15	14	11	12	4	11	4	13	22	33	15	178
New Jersey	7	603	436	480	437	397	349	293	239	256	454	568	611	5,123
New Mexico	7	25	29	40	23	20	15	26	24	31	37	29	32	331
New York	7	1,684	1,523	1,438	1,428	1,542	1,444	959	660	677	981	1,202	1,520	15,058
North Carolina	7	206	155	130	99	78	73	112	276	564	957	708	379	7,737
North Dakota	7	28	28	24	29	17	10	10	19	14	41	26	37	283
Ohio	7	789	692	621	431	376	335	291	323	374	779	986	900	6,897
Oklahoma	7	107	60	88	53	34	24	22	34	66	179	200	157	1,024
Oregon	7	111	63	79	59	60	54	49	38	43	72	84	117	829
Pennsylvania	7	1,123	1,009	998	957	846	714	633	531	663	980	1,187	1,192	10,833
Rhode Island	7	79	69	53	49	41	38	31	26	31	71	91	96	675
South Carolina	6	167	120	79	101	93	75	69	150	313	485	409	247	2,308
South Dakota	7	37	31	32	22	19	13	17	18	23	37	25	34	308
Tennessee	7	84	63	45	42	26	14	21	54	145	289	156	118	1,057
Texas	7	252	184	161	113	89	59	64	65	92	164	271	315	1,829
Utah	5	83	66	47	43	61	47	36	33	42	63	64	57	642
Vermont	7	19	18	8	11	10	7	11	9	11	22	22	17	165
Virginia	7	261	168	153	103	89	63	92	193	410	698	603	366	3,199
Washington	7	122	102	78	95	87	64	65	68	84	109	133	92	1,099
West Virginia	7	132	107	106	66	57	43	50	65	88	212	236	129	1,291
Wisconsin	7	227	236	179	179	140	144	150	124	160	218	258	265	2,280
Wyoming	7	12	7	3	6	6	4	4	3	5	6	6	7	69

Diphtheria—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	179	119	77	49	34	58	49	149	240	300	332	214	1,800
Arizona.....	34	19	14	13	9	16	6	1	14	69	94	51	340
Arkansas.....	59	45	30	13	12	18	11	15	27	110	76	57	473
California.....	346	286	201	203	268	210	211	141	133	304	354	365	3,022
Colorado.....	16	65	34	34	30	26	20	25	33	31	34	51	399
Connecticut.....	144	106	90	94	84	93	56	52	58	99	91	107	1,074
Delaware.....	15	2	12	12	8	12	7	4	2	17	16	16	123
District of Columbia.....	52	45	56	36	36	37	19	37	48	52	62	47	527
Florida.....	33	62	34	40	29	23	28	59	68	65	84	55	580
Georgia.....	51	18	37	28	32	27	22	93	102	141	114	92	757
Idaho.....	19	11	4	2	6	1	4	8	8	11	4	4	82
Illinois.....	609	536	620	659	810	696	500	391	475	823	966	980	8,155
Indiana.....	162	110	142	50	50	58	44	63	85	133	211	123	1,231
Iowa.....	47	42	42	27	28	13	18	17	20	53	42	48	397
Kansas.....	74	63	55	40	21	32	31	48	88	181	170	116	919
Kentucky.....	41	39	17	31	19	18	21	21	75	139	118	78	617
Louisiana.....	75	84	86	77	71	43	59	85	113	178	202	210	1,283
Maine.....	18	5	20	22	10	1	8	6	10	10	32	14	156
Maryland.....	128	96	85	97	63	87	42	56	54	109	129	112	1,058
Massachusetts.....	490	331	344	360	315	270	239	179	222	432	556	517	4,255
Michigan.....	432	319	418	348	398	404	356	230	270	463	492	488	4,618
Minnesota.....	113	103	113	88	63	72	49	47	67	146	139	124	1,124
Mississippi.....	83	52	38	35	25	42	52	154	261	525	324	193	1,784
Missouri.....	246	215	318	149	185	211	100	68	97	242	382	207	2,420
Montana.....	8	11	24	21	5	8	17	7	7	12	8	14	142
Nebraska.....	91	80	73	56	61	29	14	12	47	130	90	88	771
Nevada.....	1	1	7	12	4	2	3	1	2	8	23	16	110
New Hampshire.....	6	5	7	12	4	10	3	7	9	8	23	16	110
New Jersey.....	596	449	464	467	563	353	284	236	267	468	655	559	5,361
New Mexico.....	33	41	15	23	24	18	11	14	25	33	56	79	372
New York.....	1,193	988	1,282	1,430	1,401	1,048	672	452	331	551	721	747	10,816
North Carolina.....	186	134	114	89	78	68	106	343	829	1,192	757	441	4,337
North Dakota.....	30	28	33	30	52	63	20	17	30	29	27	28	377
Ohio.....	313	265	306	252	205	185	155	146	174	407	360	362	3,130
Oklahoma.....	146	79	57	41	17	40	29	69	162	306	397	190	1,533
Oregon.....	71	49	50	24	17	34	22	23	15	42	64	32	443
Pennsylvania.....	861	570	693	629	636	526	388	292	464	819	869	675	7,422
Rhode Island.....	63	54	51	50	49	34	26	17	32	53	71	36	536
South Carolina.....	303	130	126	85	130	105	70	232	386	525	464	337	2,893
South Dakota.....	7	12	25	20	-----	6	19	6	16	21	19	14	165
Tennessee.....	103	52	71	26	23	32	21	97	202	280	322	109	1,338
Texas.....	204	199	193	129	111	111	79	173	142	326	612	627	2,906
Utah.....	20	16	17	32	12	19	8	7	19	20	15	26	211
Vermont.....	12	17	11	10	2	-----	3	5	8	10	17	11	106
Virginia.....	175	113	106	80	56	36	75	206	363	605	461	349	2,625
Washington.....	54	50	45	33	33	44	31	25	55	91	68	65	594
West Virginia.....	77	63	51	41	33	34	24	53	80	135	214	73	878
Wisconsin.....	70	96	75	58	120	72	69	96	72	106	123	68	1,025
Wyoming.....	6	6	8	5	8	2	3	3	1	3	9	20	74

Diphtheria—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona	4		2	3		1			3	4	8	6	31
Arkansas	14	10	9	4	6	6	3	9	14	30	28	15	148
California	18	13	7	14	13	16	7	12	11	18	29	27	185
Colorado	7	7	3	2	1	6	1	3	6	2	3	1	42
Connecticut	5	5	4	5	6	5	4	2	6	10	6	4	62
Delaware	1			2	2		1		1	2	4	1	14
District of Columbia	7	4	4		1	3	3	1	1	3	2	5	34
Florida	8	6	3	3	3	1	1	8	10	6	6	12	67
Georgia	20	6	5	6	6	6	7	15	26	32	19	26	174
Idaho	2	1			1	2	2	3				1	12
Illinois	48	52	67	64	77	65	63	40	30	74	84	92	756
Indiana	17	14	11	15	9	4	6	9	12	20	23	18	158
Iowa			1	4	3	2	5	2	4	4	3	6	34
Kansas	4	4	7	7	2	2	1	1	6	11	17	6	68
Kentucky	30	23	14	3	3	3	4	13	25	51	56	89	314
Louisiana	7	16	4	5	8	4	7	12	6	24	21	24	138
Maine	3		2	1	1	1	1		2	1		1	14
Maryland	15	9	5	4	5	4	2	7	2	6	8	5	72
Massachusetts	26	26	14	30	17	7	10	11	9	29	41	36	256
Michigan	47	30	49	39	44	49	38	27	32	52	35	57	499
Minnesota	5	5	6	5	6	2	6	4	4	3	9	10	65
Mississippi	14	8	3	4	1	3	2	8	13	43	38	25	162
Missouri	23	18	19	10	17	6	3	5	9	28	26	28	192
Montana		1	1				2		5	1	1	1	12
Nebraska	6	6	3	5	1	6	1		2	7	7	4	48
Nevada						1							1
New Hampshire		1		2	1	5		1	2	2	4	5	23
New Jersey	67	39	33	33	35	32	27	18	22	33	49	54	442
New Mexico	6	2	3	4	2				1	2	5	9	34
New York	83	64	78	71	71	58	32	39	14	41	52	53	656
North Carolina	42	23	12	10	4	9	8	11	38	59	51	78	345
North Dakota	4	3	2	7	3	3	1		6	4	1	2	36
Ohio	25	27	22	14	18	12	6	8	19	32	16	25	224
Oklahoma	49	23	17	8	9	6	5	12	21	53	56	31	290
Oregon	9	4	3		4	2	4			6	5	3	40
Pennsylvania	87	54	77	55	49	47	37	28	49	62	68	72	685
Rhode Island	5	4	8	3	4	1	3	2	3	1	4	7	45
South Carolina	10	7	10	3	7	5	3	16	16	26	20	24	147
South Dakota		1		2	2				1		2	4	12
Tennessee	22	11	10	5	6	5	4	16	20	51	39	28	217
Texas	55	32	21	22	10	6	13	24	40	70	80	78	451
Utah	2		1	2		1			3	1		1	11
Vermont	1	3		1			1	1		1	2		10
Virginia	20	12	15	5	3	5	7	7	24	43	31	35	207
Washington	3	4	4	3		3	2	2	2	4	5	9	41
West Virginia	10	7	2	5	3	2	3	3	8	30	31	22	126
Wisconsin	7	7	5	2	11	6	4	5	5	9	8	11	80
Wyoming	1	2	1	1	3	2						1	11

Diphtheria—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929; estimated expectancy and indicated annual rates based on years 1922–1928

State	Population estimated, July 1, 1929	Estimated expectancy			1929				
		Number of years	Cases	Cases per 1,000 inhabitants	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	7	1,471	0.587	1,800	0.686	246	0.094	7
Arizona.....	428,000	7	151	.388	340	.794	31	.072	11
Arkansas.....	1,847,000	7	451	.250	473	.256	148	.080	3
California.....	5,508,000	7	6,813	1.471	3,022	.549	185	.034	16
Colorado.....	1,028,000	6	1,553	1.567	399	.388	42	.041	9
Connecticut.....	1,588,000	7	1,744	1.162	1,074	.676	62	.039	17
Delaware.....	237,000	7	126	.545	123	.518	14	.059	9
District of Columbia.....	483,000	7	740	1.595	527	1.090	34	.070	15
Florida.....	1,430,000	7	730	.591	580	.405	67	.047	9
Georgia.....	2,902,000	7	1,065	.367	757	.261	174	.060	4
Idaho.....	445,000	7	173	.394	82	.184	12	.027	7
Illinois.....	7,526,000	7	6,764	.954	8,155	1.084	756	.100	11
Indiana.....	3,204,000	7	2,351	.761	1,231	.384	158	.049	8
Iowa.....	2,463,000	7	1,015	.416	397	.161	34	.014	12
Kansas.....	1,872,000	7	1,339	.732	919	.491	68	.036	14
Kentucky.....	2,609,000	5	732	.290	617	.236	314	.120	2
Louisiana.....	2,073,000	7	1,046	.534	1,283	.619	138	.067	9
Maine.....	798,000	7	300	.382	156	.196	14	.018	11
Maryland.....	1,616,000	7	1,798	1.163	1,058	.655	72	.044	15
Massachusetts.....	4,224,000	7	4,972	1.222	4,255	1.007	256	.061	17
Michigan.....	4,756,000	7	5,031	1.170	4,618	.971	499	.105	9
Minnesota.....	2,553,000	7	3,282	1.322	1,124	.440	65	.025	17
Mississippi.....	1,992,000	7	1,338	.702	1,784	.895	162	.081	11
Missouri.....	3,605,000	7	3,026	.860	2,420	.671	192	.053	13
Montana.....	537,000	7	315	.581	142	.264	12	.022	12
Nebraska.....	1,373,000	7	609	.454	771	.562	48	.035	16
Nevada.....	90,000	4	26	.307	6	.067	1	.011	6
New Hampshire.....	464,000	7	178	.391	110	.237	23	.050	5
New Jersey.....	3,964,000	7	5,123	1.414	5,361	1.352	442	.111	12
New Mexico.....	422,000	7	331	.835	372	.881	34	.080	11
New York.....	12,456,000	7	15,058	1.300	10,816	.868	656	.053	16
North Carolina.....	3,126,000	7	3,737	1.294	4,337	1.388	345	.110	13
North Dakota.....	680,000	7	283	.425	377	.554	36	.053	10
Ohio.....	6,575,000	7	6,897	1.107	3,130	.476	224	.034	14
Oklahoma.....	2,365,000	7	1,024	.461	1,533	.648	290	.123	6
Oregon.....	940,000	7	829	.948	443	.471	40	.042	11
Pennsylvania.....	9,573,000	7	10,833	1.176	7,422	.775	685	.072	11
Rhode Island.....	681,000	7	675	1.040	536	.787	45	.066	12
South Carolina.....	1,729,000	6	2,308	1.350	2,893	1.673	147	.085	20
South Dakota.....	687,000	7	308	.463	165	.240	12	.017	14
Tennessee.....	2,589,000	7	1,057	.426	1,338	.517	217	.084	6
Texas.....	5,737,000	7	1,829	.346	2,906	.507	451	.079	6
Utah.....	499,000	5	642	1.343	211	.423	11	.022	19
Vermont.....	359,000	7	165	.463	106	.296	10	.028	11
Virginia.....	2,411,000	7	3,199	1.351	2,625	1.089	207	.086	13
Washington.....	1,547,000	7	1,099	.749	594	.384	41	.026	14
West Virginia.....	1,709,000	7	1,291	.804	878	.514	126	.074	7
Wisconsin.....	2,908,000	7	2,280	.817	1,025	.352	80	.027	13
Wyoming.....	222,000	7	69	.328	74	.333	11	.049	7

Gonorrhea—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	433	464	426	456	442	547	434	601	496	475	424	450	5,648
Arizona.....	8	7	7	7	14	8	11	11	19	27	21	21	161
Arkansas.....	106	95	179	130	120	145	183	182	144	126	114	92	1,616
California.....	862	630	647	654	584	658	732	579	746	801	654	607	8,154
Colorado.....	56	50	52	61	56	73	79	63	49	58	68	64	729
Connecticut.....	135	120	154	134	149	119	134	124	119	144	133	178	1,643
Delaware.....	25	18	18	20	22	19	25	21	28	16	20	27	259
District of Columbia.....	26	21	27	35	27	29	36	45	37	45	42	29	390
Florida.....	224	201	101	152	144	124	110	162	126	181	156	136	1,817
Georgia.....	151	209	265	681	316	291	278	350	271	333	286	184	3,615
Idaho.....	11	9	14	9	6	7	15	13	3	10	7	2	106
Illinois.....	1,498	1,225	1,510	1,772	1,713	1,373	1,519	1,418	1,852	1,746	1,530	1,308	18,464
Indiana.....	170	130	144	120	136	148	147	138	185	154	134	158	1,764
Iowa.....	78	85	101	85	97	61	164	41	30	33	29	29	833
Kansas.....	117	106	118	69	101	69	106	101	126	66	43	109	1,131
Kentucky.....	298	335	431	290	329	336	367	308	394	317	326	256	3,987
Louisiana.....	93	91	118	156	70	164	109	74	90	87	72	79	1,203
Maine.....	30	29	38	73	41	43	76	89	75	79	174	85	832
Maryland.....	111	93	103	128	123	141	143	170	145	140	130	126	1,553
Massachusetts.....	396	271	391	274	390	271	518	372	436	335	400	4,325	
Michigan.....	927	385	442	979	1,184	766	948	1,217	888	950	806	634	10,126
Minnesota.....	398	281	373	275	397	426	361	389	278	264	421	318	4,181
Mississippi.....	1,978	1,960	1,971	2,059	2,259	2,237	2,424	2,276	2,458	2,284	2,219	2,231	26,356
Missouri.....	215	165	181	169	154	171	325	179	191	176	168	158	2,252
Nebraska.....	176	134	184	143	216	149	138	221	165	204	124	153	2,007
New Hampshire.....	5	8	30	15	10	23	17	23	21	7	10	11	180
New Jersey.....	417	257	292	334	334	324	450	346	484	434	333	291	4,296
New York.....	1,043	672	944	1,238	1,338	1,328	1,089	1,158	1,103	1,372	1,385	1,513	14,183
North Dakota.....	126	101	113	60	89	103	107	175	137	170	131	92	1,404
Ohio.....	330	290	352	326	304	414	416	484	383	424	370	332	4,425
Oklahoma.....	44	37	42	41	39	58	107	90	77	-----	-----	-----	1,535
Oregon.....	152	95	130	62	151	107	101	130	130	90	132	91	1,371
Pennsylvania.....	216	188	225	196	222	204	210	212	202	184	205	184	2,448
Rhode Island.....	41	35	53	35	39	35	101	72	45	27	41	42	566
South Carolina.....	718	633	908	858	970	1,076	-----	-----	-----	-----	968	617	6,748
South Dakota.....	54	26	23	27	17	19	31	46	53	18	19	50	383
Tennessee.....	198	184	163	331	398	258	385	251	245	307	291	223	3,234
Texas.....	139	140	163	161	162	147	211	234	147	170	104	77	1,855
Vermont.....	28	28	15	24	-----	-----	-----	-----	-----	-----	-----	-----	95
Virginia.....	65	64	65	65	66	65	45	45	45	46	45	45	661
Washington.....	289	227	277	266	284	298	289	310	313	332	211	225	3,321
West Virginia.....	313	300	400	386	404	367	450	396	385	377	376	386	4,540
Wisconsin.....	171	107	162	121	174	198	181	275	234	204	152	125	2,104

¹ For 9 months only.

² For 8 months only.

³ For 4 months only.

NOTE.—Montana, New Mexico, North Carolina, Utah, and Wyoming did not report venereal diseases in 1929; the Nevada report showed no cases.

Gonorrhea—Cases reported and indicated morbidity rates, 1929

State	Population estimated, July 1, 1929	Total cases reported, 1929	Cases per 1,000 inhabitants	State	Population estimated, July 1, 1929	Total cases reported, 1929	Cases per 1,000 inhabitants
Alabama.....	2,624,000	5,648	2.153	Michigan.....	4,756,000	10,126	2.129
Arizona.....	428,000	161	.376	Minnesota.....	2,553,000	4,181	1.637
Arkansas.....	1,847,000	1,616	.875	Mississippi.....	1,992,000	26,356	13.230
California.....	5,508,000	8,154	1.480	Missouri.....	3,605,000	2,252	.625
Colorado.....	1,028,000	729	.709	Nebraska.....	1,373,000	2,007	1.462
Connecticut.....	1,588,000	1,643	1.034	New Hampshire.....	464,000	180	.388
Delaware.....	237,000	259	1.092	New Jersey.....	3,964,000	4,296	1.084
District of Columbia.....	483,000	399	.826	New York.....	12,456,000	14,183	1.139
Florida.....	1,430,000	1,817	1.270	North Dakota.....	680,000	1,404	2.065
Georgia.....	2,902,000	3,615	1.246	Ohio.....	6,575,000	4,425	.673
Idaho.....	445,000	106	.238	Oregon.....	940,000	1,371	1.458
Illinois.....	7,526,000	18,464	2.454	Pennsylvania.....	9,573,000	2,448	.256
Indiana.....	3,204,000	1,764	.551	Rhode Island.....	681,000	566	.831
Iowa.....	2,463,000	833	.338	South Dakota.....	687,000	383	.558
Kansas.....	1,872,000	1,131	.604	Tennessee.....	2,589,000	3,234	1.249
Kentucky.....	2,609,000	3,987	1.528	Texas.....	5,737,000	1,855	.323
Louisiana.....	2,073,000	1,203	.580	Virginia.....	2,411,000	661	.274
Maine.....	798,000	832	1.043	Washington.....	1,547,000	3,321	2.147
Maryland.....	1,616,000	1,553	.961	West Virginia.....	1,709,000	4,540	2.656
Massachusetts.....	4,224,000	4,325	1.024	Wisconsin.....	2,908,000	2,104	.723

Influenza—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	62,612	4,851	817	196	92	71	15	28	18	73	274	411	69,458
Arizona.....	493	27	9	29		4				13	31	69	675
Arkansas.....	15,677	2,869	648	76	113	40	9	15	12	137	130	459	20,185
California.....	3,360	749	468	256	164	87	41	34	51	137	202	247	5,796
Connecticut.....	9,741	6,511	5,159	50	40	13	6	8	4	45	13	25	21,615
Delaware.....	153	15	13	3	2	2		4	5	3	3	5	208
District of Columbia.....	1,743	114	18	4	6	2	1	3	3	4	3	3	1,904
Florida.....	3,457	181	32	9	7	12	32	1	1	9	8	20	3,769
Georgia.....	24,729	2,250	590	134	79	67	27	67	87	196	341	466	29,033
Idaho.....	87	6	32	14	23	7	4	5	1		3	11	193
Illinois.....	4,693	1,091	877	316	209	68	77	35	44	59	96	118	7,683
Indiana.....	2,629	620	147	61	21	29	2	29	23	19	28	129	3,737
Kansas.....	3,884	203	128	52	5	4	1	2	7	2	7	17	4,312
Kentucky.....	8,735	326	45	10	13				3	3	5	21	9,161
Louisiana.....	18,667	1,147	292	130	74	52	32	26	51	55	114	264	20,904
Maine.....	5,216	1,219	79	13	20	10	3	4		3	27	24	6,618
Maryland.....	19,617	3,424	576	88	68	40	12	10	13	51	71	158	24,128
Massachusetts.....	7,995	1,575	386	78	32	7	10	5	4	16	25	33	10,166
Michigan.....	14,596	235	76	31	27	9	6	2	3	14	13	13	15,025
Mississippi.....	63,217	11,050	4,377	1,874	831	377	389	583	597	2,011	3,281	4,408	92,995
Missouri.....	27,154	982	357	29	47	9	5	3	20	40	54	88	28,788
Montana.....	1,423	17	40	18	13	28	11	19	13	7	11	27	1,627
Nebraska.....	1,771	89	24	15	4			2		6	19	15	1,945
Nevada.....	18	79	11		1		1	1		7	2		120
New Hampshire.....	1,014	406	79	15		2			3	13	40	3	1,575
New Jersey.....	6,428	327	130	34	19	6	4	15	6	16	25	83	7,093
New Mexico.....	2,805	17	26	46	3	1			1		4	7	2,911
North Dakota.....	2,992	192	14	1				6	2	3		2	3,216
Ohio.....	10,311	784	298	135	71	40	25	27	38	68	75	145	12,017
Oklahoma.....	22,486	2,274	857	274	97	70	56	57	84	147	378	530	27,310
Oregon.....	1,755	365	452	210	63	37	10	13	20	56	121	114	3,216
Rhode Island.....	2,266	177	32	4			1		1	34	10		2,525
South Carolina.....	22,106	5,564	3,877	1,627	1,068	810	326	621	972	1,716	3,127	3,385	45,199
Tennessee.....	48,569	6,150	1,243	214	137	46	15	60	59	115	361	480	57,449
Texas.....	16,674	6,324	974	360	168	78	38	33	62	80	238	277	25,306
Utah.....	483	136	139	79	71	20	17	21	49	66	67	140	1,288
Virginia.....	53,380	7,842	2,575	891	529	309	275	301	518	723	1,037	1,695	70,075
Washington.....	639	266	197	116	59	44	16	16	15	38	37	89	1,532
West Virginia.....	26,401	1,743	248	60	33	43	11	19	36	53	97	84	28,828
Wisconsin.....	16,725	857	205	77	121	31	43	48	127	95	66	120	12,515
Wyoming.....	739	35	9	14	10	5	1	1	3	4		7	828

Influenza—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona.....	119	64	26	14	12	6	4	1	3	2	5	5	261
Arkansas.....	949	357	211	86	52	33	11	18	15	20	44	101	1,897
California.....	354	165	155	88	52	28	20	16	22	36	56	110	1,102
Colorado.....	167	120	68	42	28	17	9	15	11	14	29	30	550
Connecticut.....	283	174	59	32	13	6	4	3	8	18	16	23	639
Delaware.....	35	15	13	3	2	2	-----	4	-----	2	3	5	84
District of Columbia.....	62	18	5	2	3	1	-----	-----	1	4	1	2	99
Florida.....	448	172	76	32	30	16	8	7	13	20	32	49	903
Georgia.....	1,368	403	210	103	61	55	31	14	24	53	59	121	2,502
Idaho.....	47	21	37	24	8	1	4	4	2	2	2	7	159
Illinois.....	1,308	409	307	112	96	39	26	28	33	62	72	114	2,606
Indiana.....	966	335	181	96	61	37	31	25	30	52	49	111	1,974
Iowa.....	644	189	119	56	59	37	20	11	17	20	28	70	1,270
Kansas.....	345	170	133	70	46	32	19	18	15	17	27	69	961
Kentucky.....	1,905	518	243	117	57	39	20	16	25	39	59	89	3,127
Louisiana.....	858	275	151	55	25	14	16	15	20	34	64	126	1,653
Maine.....	215	133	33	31	29	13	3	6	6	18	15	29	531
Maryland.....	395	124	60	22	22	8	3	1	7	12	14	20	688
Massachusetts.....	537	320	130	59	40	10	8	6	3	14	27	31	1,185
Michigan.....	927	270	154	91	85	39	26	20	24	46	37	55	1,774
Minnesota.....	536	128	90	43	41	15	10	12	14	16	32	74	1,011
Mississippi.....	1,562	267	194	75	47	30	19	12	15	23	47	96	2,387
Missouri.....	948	359	273	112	80	34	21	15	27	47	52	116	2,084
Montana.....	79	39	18	16	14	4	4	5	5	7	13	7	211
Nebraska.....	264	119	71	38	34	27	7	7	14	17	17	27	642
Nevada.....	4	3	1	3	-----	-----	-----	1	1	3	1	4	21
New Hampshire.....	110	115	33	16	13	7	4	2	6	11	7	13	337
New Jersey.....	547	179	69	43	33	5	8	5	6	16	33	48	992
New Mexico.....	8	13	21	25	14	5	2	-----	4	1	10	82	185
New York.....	1,734	666	288	167	91	31	25	26	27	87	71	141	3,354
North Carolina.....	937	634	290	143	93	64	25	19	21	33	63	123	2,445
North Dakota.....	114	23	6	3	6	2	1	1	-----	2	1	-----	159
Ohio.....	2,348	495	313	142	132	68	49	51	67	95	124	144	4,028
Oklahoma.....	937	354	196	95	52	25	27	12	10	25	23	59	1,815
Oregon.....	149	41	39	25	34	10	4	3	2	13	19	23	362
Pennsylvania.....	3,032	741	470	230	177	81	56	44	79	144	159	227	5,440
Rhode Island.....	152	107	38	11	8	5	1	2	1	2	2	7	336
South Carolina.....	605	247	156	79	47	27	22	14	17	25	43	108	1,380
South Dakota.....	149	67	27	26	23	9	6	7	5	7	8	22	356
Tennessee.....	1,574	423	274	102	56	20	25	18	14	43	81	122	2,752
Texas.....	1,319	414	256	102	58	22	11	15	13	34	59	129	2,432
Utah.....	44	10	12	18	13	6	5	-----	8	11	10	16	153
Vermont.....	139	76	41	14	14	10	-----	2	4	4	7	11	322
Virginia.....	1,414	429	216	107	51	22	13	15	21	31	37	77	2,435
Washington.....	229	81	88	39	31	18	13	5	14	18	26	29	591
West Virginia.....	914	230	148	55	48	20	15	18	16	19	31	45	1,559
Wisconsin.....	675	172	91	66	52	24	18	15	16	26	25	49	1,229
Wyoming.....	19	15	23	14	10	5	1	1	2	3	4	6	103

Influenza—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929

State	Population estimated, July 1, 1929	Cases re- ported, 1929	Cases per 1,000 in- habitants	Deaths regis- tered, 1929	Deaths per 1,000 inhabit- ants	Cases re- ported for each death reg- istered
Alabama.....	2,624,000	69,458	26.475	3,153	1.202	22
Arizona.....	428,000	675	1.576	261	.609	3
Arkansas.....	1,847,000	20,185	10.931	1,897	1.027	11
California.....	5,508,000	5,796	1.052	1,102	.200	5
Colorado.....	1,028,000			550	.535	
Connecticut.....	1,588,000	21,615	13.609	639	.402	34
Delaware.....	237,000	208	.877	84	.354	2
District of Columbia.....	483,000	1,904	3.940	99	.205	19
Florida.....	1,430,000	3,769	2.635	903	.631	4
Georgia.....	2,902,000	29,033	10.005	2,502	.862	12
Idaho.....	445,000	193	.434	159	.357	1
Illinois.....	7,526,000	7,683	1.021	2,606	.346	3
Indiana.....	3,204,000	3,737	1.166	1,974	.616	2
Iowa.....	2,463,000			1,270	.516	
Kansas.....	1,872,000	4,312	2.304	961	.513	4
Kentucky.....	2,609,000	9,161	3.512	3,127	1.199	3
Louisiana.....	2,073,000	20,904	10.085	1,653	.797	13
Maine.....	798,000	6,618	8.296	531	.666	12
Maryland.....	1,616,000	24,128	14.929	688	.426	35
Massachusetts.....	4,224,000	10,166	2.407	1,185	.280	9
Michigan.....	4,756,000	15,025	3.159	1,774	.373	8
Minnesota.....	2,553,000			1,011	.396	
Mississippi.....	1,992,000	92,995	46.682	2,387	1.198	39
Missouri.....	3,605,000	28,788	7.985	2,084	.578	14
Montana.....	537,000	1,627	3.028	211	.393	8
Nebraska.....	1,373,000	1,945	1.417	642	.468	3
Nevada.....	90,000	120	1.333	21	.233	6
New Hampshire.....	464,000	1,575	3.397	337	.727	5
New Jersey.....	3,964,000	7,093	1.789	992	.250	7
New Mexico.....	422,000	2,911	6.893	185	.438	16
New York.....	12,456,000			3,354	.269	
North Carolina.....	3,126,000			2,445	.782	
North Dakota.....	680,000	3,216	4.730	159	.234	20
Ohio.....	6,575,000	12,017	1.828	4,028	.613	3
Oklahoma.....	2,365,000	27,310	11.547	1,815	.767	15
Oregon.....	940,000	3,216	3.420	362	.385	9
Pennsylvania.....	9,573,000			5,440	.568	
Rhode Island.....	681,000	2,525	3.707	336	.493	8
South Carolina.....	1,729,000	45,199	26.142	1,390	.804	33
South Dakota.....	687,000			356	.518	
Tennessee.....	2,589,000	57,449	22.190	2,752	1.063	21
Texas.....	5,737,000	25,306	4.411	2,432	.424	10
Utah.....	499,000	1,288	2.583	153	.307	8
Vermont.....	359,000			322	.898	
Virginia.....	2,411,000	70,075	29.060	2,433	1.009	29
Washington.....	1,547,000	1,532	.990	591	.382	3
West Virginia.....	1,709,000	28,828	16.867	1,559	.912	18
Wisconsin.....	2,908,000	12,515	4.303	1,229	.423	10
Wyoming.....	222,000	828	3.723	103	.463	8

NOTIFIABLE DISEASES—STATES—1929

Lethargic encephalitis—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	3	6	5	3	5	6	1	3	1	3	1		37
Arizona.....		1				8	2	2					13
California.....	11	13	13	4	11	9	12	3	9	4	8	5	102
District of Columbia.....	1			1			1	2		1		1	7
Georgia.....	1	1		1			1						4
Illinois.....	8	7	14	6	15	1	5	12	3	2	5	2	80
Kansas.....		3	2		2	1		3		3	1	1	16
Louisiana.....	2	5	2	2	7	5	2	3	3	6	7		46
Maine.....		3			2		1			2	1		9
Massachusetts.....	9	8	3	3	7	2	2	3	4	5	3	5	54
Michigan.....	9	13	5		5	4	2	5	5	2	5	9	64
Montana.....	1	5	1				1	1	1	1	2	1	14
Nevada.....		1		1									2
New Mexico.....	1		1					1					3
New York.....	24	23	23	24	19	20	21	19	12	17	7	28	237
North Dakota.....	6	3	5	2	2		1	1	2		4	2	28
Tennessee.....	2	3	3	1	6		2	5	1		2		26
Utah.....	1	1		2	1	1				1		1	8
Washington.....	2		3	8	7	2	2	1	6	4	3	3	41
Wyoming.....	1		1		1	1		1					5

Lethargic encephalitis—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona.....	1			1				2					4
Arkansas.....	51	10	15	5	6	3	2	2	2	2	2	4	104
California.....	12	5	4	9	6	5	5	5	6	7	7	5	76
Colorado.....	1	3		1	2	2	1	2		1		2	15
Connecticut.....	1	4	3		2	1	2	2	3	2	2		22
District of Columbia.....							2	1		1		1	5
Florida.....	3	2		1			1			1	2	1	11
Illinois.....	2	13	8	9	8	6	3	5	3	1	5	6	69
Indiana.....	5	2	3	4	3	3	2	1	2		3	6	34
Iowa.....	5	3	5	2	3	1	1		3	5	2	2	32
Kansas.....	1		1	1	4		2	1		1	1	1	13
Kentucky.....	1	1	1	1		3	1				4	1	13
Louisiana.....		1	2		2	1				3		1	10
Maine.....	1	2	1	1	1	2							8
Maryland.....	4	3	4		1	4	5	2	5	3	4	1	36
Massachusetts.....	6	6	4	2	7	2	2	4	3	2	4	2	44
Michigan.....	6	4	4	6	9	8	2	1	4	4	3	4	55
Minnesota.....	7	5	6	4	4	8	6	2	3	4	6	1	56
Mississippi.....		1	1	2	1			3			1		9
Missouri.....	4	4	8	7	2	4	3	4	1	2	1	3	43
Montana.....	3	1		1		2	1		1	2			11
Nebraska.....		3	2			2		1		1		2	11
Nevada.....		1		1									2
New Hampshire.....	1	2									1		4
New Jersey.....	7	5	6	3	6	4	1	4	1	8	4	2	51
New Mexico.....		1		1			1						3
New York.....	17	13	14	14	10	23	8	9	6	7	11	10	142
North Carolina.....	1	4	2	1	1	4	3	1	2	1	1		21
North Dakota.....	5		2	1	1	1			1	2	3		16
Ohio.....	10	11	13	14	10	9	1	6	7	2	7	7	97
Oregon.....	1		5	2	1	3		1		1	1		15
Pennsylvania.....	12	14	8	10	10	5	8	8	6	6	5	12	104
Rhode Island.....						2			1	1	1	1	6
South Carolina.....	2	2	8	3	7	5		2	2	4	5	2	42
South Dakota.....	1		1	1		1							4
Tennessee.....	3	1		3	1	1	3	2	1	2			17
Texas.....	2	5	2	3	2	2	1	1		1		1	20
Utah.....	1	1		2	1	1							8
Vermont.....			1	1									2
Virginia.....	5	1	3	5	1	2	1	4	1	1	1	3	28
Washington.....	1	4	4	6	2	2	1	6	1	3	3	1	34
West Virginia.....	2	3				1	1		1	1	2		11
Wisconsin.....	1	5	5	4	7	6	7	1	3	3	2	2	46
Wyoming.....	1		1		1	1		1					5

Lethargic encephalitis—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929

State	Population estimated, July 1, 1929	Cases reported, 1929	Cases per 1,000 inhabitants	Deaths registered, 1929	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	37	0.014	—	—	—
Arizona.....	428,000	13	.030	4	0.009	3
Arkansas.....	1,847,000	—	—	104	.056	—
California.....	5,508,000	102	.018	76	.014	1
Colorado.....	1,028,000	—	—	15	.015	—
Connecticut.....	1,588,000	—	—	22	.014	—
District of Columbia.....	483,000	7	.014	5	.010	1
Florida.....	1,430,000	—	—	11	.008	—
Georgia.....	2,902,000	4	.001	0	—	—
Illinois.....	7,526,000	80	.011	69	.009	1
Indiana.....	3,204,000	—	—	34	.011	—
Iowa.....	2,463,000	—	—	32	.013	—
Kansas.....	1,872,000	16	.008	13	.007	1
Kentucky.....	2,609,000	—	—	13	.005	—
Louisiana.....	2,073,000	46	.022	10	.005	5
Maine.....	798,000	9	.011	8	.010	1
Maryland.....	1,616,000	—	—	36	.022	—
Massachusetts.....	4,224,000	54	.013	44	.010	1
Michigan.....	4,756,000	64	.013	55	.012	1
Minnesota.....	2,553,000	—	—	56	.022	—
Mississippi.....	1,992,000	—	—	9	.004	—
Missouri.....	3,605,000	—	—	43	.012	—
Montana.....	537,000	14	.026	11	.020	1
Nebraska.....	1,373,000	—	—	11	.008	—
Nevada.....	90,000	2	.022	2	.022	1
New Hampshire.....	464,000	—	—	4	.009	—
New Jersey.....	3,964,000	—	—	51	.013	—
New Mexico.....	422,000	3	.007	3	.007	1
New York.....	12,456,000	237	.019	142	.011	2
North Carolina.....	3,126,000	—	—	21	.007	—
North Dakota.....	680,000	28	.041	16	.023	2
Ohio.....	6,575,000	—	—	97	.015	—
Oregon.....	940,000	—	—	15	.016	—
Pennsylvania.....	9,573,000	—	—	104	.011	—
Rhode Island.....	681,000	—	—	6	.009	—
South Carolina.....	1,729,000	—	—	42	.024	—
South Dakota.....	687,000	—	—	4	.006	—
Tennessee.....	2,589,000	26	.010	17	.007	2
Texas.....	5,737,000	—	—	20	.003	—
Utah.....	499,000	8	.016	8	.016	1
Vermont.....	359,000	—	—	2	.006	—
Virginia.....	2,411,000	—	—	28	.012	—
Washington.....	1,547,000	41	.026	34	.022	1
West Virginia.....	1,709,000	—	—	11	.006	—
Wisconsin.....	2,908,000	—	—	46	.016	—
Wyoming.....	222,000	5	.022	5	.022	1

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama	55	62	84	102	299	841	1,186	2,879	2,316	1,612	787	193	10,476
Arizona										2			2
Arkansas	143	72	93	237	488	711	971	724	525	553	204	95	4,816
California	7	1	2	3	10	15	13	13	11	15	6	4	100
Colorado									1				1
Connecticut					2	1	1	1	1	2			8
Delaware							2		1				3
Florida	14	122	74	15	104	277	143	185	129	104	192	176	1,535
Georgia	125	38	122	171	268	724	969	1,553	1,250	1,023	354	106	6,703
Illinois	8	1	3	4	5	1	21	76	27	24	13	3	186
Kansas				1	1	3	13	20	4	1			43
Louisiana	36	31	43	46	68	148	252	301	239	172	100	59	1,495
Maryland		2		1	1	4	3	4	2	2		5	24
Massachusetts	2			3	4	4	3	4	2		3	2	27
Michigan			1	4	8	6	4	7	10	3	1		44
Minnesota						2	2	1					5
Mississippi	1,547	1,952	3,426	5,680	8,254	11,203	14,754	16,788	12,564	8,239	4,019	2,459	90,885
Missouri	1	7	24	26	26	35	134	211	71	59	32	1	627
Nebraska		6						1		4			11
New Jersey	2					3	3	1			1		10
New Mexico	1	8	5	17	7	10	31	15	65	184	19	13	375
New York	6	4	4	14	5	7	10	12	10	9	6	9	96
North Dakota							1			1			1
Ohio				1	3	1	14	16	9	1	1	1	47
Oklahoma	22	37	109	221	169	367	553	1,156	578	340	168	94	3,814
Oregon									4	12	1		17
Pennsylvania					1	2	2	2	6	1	1	1	12
Rhode Island			1		1	1	3						7
South Carolina	399	326	458	1,063	1,331	2,255	1,941	3,527	4,135	3,483	2,483	711	22,112
Tennessee	12	14	54	132	211	386	668	1,097	754	297	108	20	3,753
Texas	619	743	674	676	756	1,370	3,915	2,999	1,499	1,249	918	514	15,932
Virginia	43	34	32	37	60	113	135	145	114	74	44	29	860
Washington								1	1	1			3

[illegible]

Malaria—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929

State	Population estimated, July 1, 1929	Cases re- ported, 1929	Cases per 1,000 in- habitants	Deaths regis- tered, 1929	Deaths per 1,000 inhabit- ants	Cases re- ported for each death reg- istered
Alabama.....	2,624,000	10,476	3.993	431	0.164	24
Arizona.....	428,000	2	.005	1	.002	2
Arkansas.....	1,847,000	4,816	2.608	667	.361	7
California.....	5,508,000	100	.018	16	.003	6
Colorado.....	1,028,000	1	.001	1	.001	1
Connecticut.....	1,588,000	8	.005	3	.002	3
Delaware.....	237,000	3	.013	0
District of Columbia.....	483,000	2	.004
Florida.....	1,430,000	1,535	1.073	470	.329	3
Georgia.....	2,902,000	6,703	2.310	653	.225	10
Illinois.....	7,526,000	186	.025	70	.009	3
Indiana.....	3,204,000	14	.004
Iowa.....	2,463,000	2	.001
Kansas.....	1,872,000	43	.023	6	.003	7
Kentucky.....	2,609,000	38	.015
Louisiana.....	2,073,000	1,495	.721	206	.099	7
Maryland.....	1,616,000	24	.015	3	.002	8
Massachusetts.....	4,224,000	27	.006	3	.001	9
Michigan.....	4,756,000	44	.009	1	.000	44
Minnesota.....	2,553,000	5	.002	1	.000	5
Mississippi.....	1,992,000	90,885	45.623	355	.178	256
Missouri.....	3,605,000	627	.174	153	.042	4
Nebraska.....	1,373,000	11	.008	6	.004	2
New Jersey.....	3,964,000	10	.002	5	.001	2
New Mexico.....	422,000	375	.888	11	.026	34
New York.....	12,456,000	96	.008	3	.000	32
North Carolina.....	3,126,000	53	.017
North Dakota.....	680,000	1	.001	1	.001	1
Ohio.....	6,575,000	47	.007	4	.001	12
Oklahoma.....	2,365,000	3,814	1.613	153	.065	25
Oregon.....	940,000	17	.018	0
Pennsylvania.....	9,573,000	12	.001	6	.001	2
Rhode Island.....	681,000	7	.010	2	.003	3
South Carolina.....	1,729,000	22,112	12.789	371	.215	60
Tennessee.....	2,589,000	3,753	1.450	179	.069	21
Texas.....	5,737,000	15,932	2.777	238	.041	67
Virginia.....	2,411,000	860	.357	16	.007	54
Washington.....	1,547,000	3	.002	1	.001	3
West Virginia.....	1,709,000	1	.001

Measles—Monthly estimated expectancy based on data which are available for the years 1922–1928, inclusive

State	Number of years included	January	February	March	April	May	June	July	August	September	October	November	December	Total
Alabama.....	7	78	251	886	1,326	1,046	820	188	56	57	29	48	141	4,026
Arizona.....	7	64	40	107	157	163	56	16	6	5	7	36	32	689
Arkansas.....	7	120	110	542	719	308	243	88	18	22	18	17	25	2,230
California.....	7	368	864	995	1,149	2,047	1,774	404	146	84	109	120	183	8,243
Colorado.....	6	363	463	475	619	810	335	104	31	23	54	108	171	3,556
Connecticut.....	7	606	829	782	909	1,035	1,049	358	114	28	118	261	784	6,873
Delaware.....	7	9	27	52	54	44	46	13	2	3	7	9	29	295
District of Columbia.....	7	38	42	124	194	151	130	68	9	5	8	9	16	794
Florida.....	7	20	41	198	295	327	116	55	16	7	3	7	19	1,104
Georgia.....	7	175	541	595	541	478	250	96	21	17	16	18	96	2,844
Idaho.....	7	10	33	66	30	13	12	18	8	2	7	12	27	238
Illinois.....	7	1,825	2,664	4,514	4,299	4,562	2,744	982	205	125	273	682	921	23,796
Indiana.....	7	692	671	1,038	1,670	1,709	757	190	60	32	54	139	243	7,253
Iowa.....	7	284	193	325	299	183	94	41	10	5	11	7	51	1,503
Kansas.....	7	149	425	824	2,126	2,350	723	89	42	41	61	52	91	6,973
Kentucky.....	5	323	405	420	355	229	182	139	29	15	12	24	65	2,198
Louisiana.....	7	20	60	58	94	263	75	27	18	10	17	52	123	817
Maine.....	7	221	248	433	544	423	257	164	23	29	94	117	204	2,757
Maryland.....	7	555	707	1,174	1,371	1,500	862	220	68	37	76	163	270	7,008
Massachusetts.....	7	2,335	3,553	3,609	3,846	3,766	2,917	1,037	271	157	660	1,167	2,552	25,860
Michigan.....	7	791	1,122	1,886	2,782	2,913	2,420	635	152	74	160	403	579	13,917
Minnesota.....	7	141	506	1,026	868	613	349	120	32	38	40	67	215	4,015
Mississippi.....	7	1,398	2,323	3,109	3,023	1,760	905	326	155	180	163	286	917	14,545
Missouri.....	7	244	947	1,349	1,567	1,242	487	171	45	23	29	65	105	6,274
Montana.....	5	31	20	22	78	91	26	15	5	5	7	24	29	353
Nebraska.....	7	38	62	137	317	306	157	25	9	4	6	12	37	1,110
Nevada.....	4	7	33	75	22	19	7	2	1	2	6	13	6	193
New Hampshire.....	7	115	155	189	207	260	172	89	11	12	90	55	108	1,463
New Jersey.....	7	1,054	1,999	2,740	3,891	4,458	2,453	653	126	58	161	376	441	18,410
New Mexico.....	7	81	65	229	158	141	89	17	12	9	8	9	49	867
New York.....	7	3,813	5,835	9,953	12,169	13,399	7,442	2,948	606	288	758	1,939	3,128	62,278
North Carolina.....	7	689	1,427	2,211	4,754	3,132	1,410	284	111	62	133	166	265	14,644
North Dakota.....	7	45	28	49	142	134	94	34	18	11	27	23	38	643
Ohio.....	7	1,048	1,250	2,298	3,292	4,739	3,725	941	151	100	300	469	695	19,008
Oklahoma.....	7	48	123	741	395	728	215	36	10	10	18	27	23	2,374
Oregon.....	7	68	210	209	333	174	80	23	14	21	52	69	84	1,337
Pennsylvania.....	7	3,452	3,721	5,524	7,289	8,159	5,601	1,630	540	448	1,059	2,126	3,129	42,678
Rhode Island.....	7	26	61	58	75	93	63	63	21	17	66	58	34	635
South Carolina.....	5	80	40	169	139	237	119	40	11	24	33	20	34	946
South Dakota.....	7	62	86	134	202	294	142	79	26	5	8	15	104	1,157
Tennessee.....	7	768	775	884	868	612	434	85	41	16	20	28	154	4,685
Texas.....	7	131	457	613	449	273	280	91	25	15	25	20	78	2,457
Utah.....	5	43	39	88	53	116	130	41	23	25	26	18	26	628
Vermont.....	7	69	56	105	291	285	369	168	34	20	23	115	88	1,623
Virginia.....	7	1,095	2,586	3,490	3,472	3,229	1,282	393	118	144	226	273	346	16,654
Washington.....	7	66	77	272	284	370	264	62	47	39	80	159	166	1,886
West Virginia.....	7	345	423	628	708	628	338	103	34	22	37	70	267	3,603
Wisconsin.....	7	1,156	1,817	2,240	3,540	1,718	1,477	568	283	142	252	398	760	14,351
Wyoming.....	7	7	11	53	70	47	39	19	3	7	18	33	2	309

Measles—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama	319	490	643	636	479	178	66	47	13	34	52	32	2,980
Arizona	18	32	58	10	64	24	6	3	5	6	6	8	240
Arkansas	111	284	446	256	60	17	36	3	9	5	5	209	1,441
California	193	224	262	333	649	557	201	101	112	248	407	990	4,367
Colorado	55	24	74	121	172	99	25	32	18	15	24	75	734
* Connecticut	1,545	1,397	2,122	2,434	1,397	611	142	67	18	11	11	45	9,800
Delaware	140	152	258	147	73	50	16	4	1	4	2	4	851
District of Columbia	9	19	84	84	141	76	18	5	4	8	4	3	455
Florida	26	72	183	241	389	115	33	4	5	7	11	31	1,117
Georgia	219	227	191	98	116	141	13	31	16	10	36	90	1,188
Idaho	25	23	31	29	103	167	32	21	32	142	344	461	1,410
Illinois	1,621	2,791	6,168	8,025	8,745	6,270	1,863	342	165	387	891	1,525	38,793
Indiana	577	1,253	2,337	1,929	2,375	1,441	184	91	18	36	58	92	10,391
Iowa	39	30	167	201	319	233	62	37	12	106	265	683	2,154
Kansas	183	468	1,401	2,335	2,980	1,769	387	84	99	200	222	462	10,590
Kentucky	136	77	160	205	154	79	38	16	24	51	247	371	1,558
Louisiana	157	368	440	307	239	151	35	6	27	6	17	58	1,811
Maine	1,049	1,229	1,359	811	427	353	145	46	34	77	81	30	5,641
Maryland	285	430	509	186	208	154	53	16	10	25	83	64	2,023
Massachusetts	2,701	1,517	1,542	1,922	2,589	2,142	897	139	106	294	395	681	14,925
Michigan	530	1,406	2,314	3,671	4,296	2,738	955	225	231	454	658	593	18,041
Minnesota	643	1,648	2,638	3,076	2,870	951	263	40	15	114	288	855	13,041
Mississippi	1,895	2,377	2,997	2,542	1,211	454	135	66	33	74	159	323	12,266
Missouri	1,000	1,123	2,327	1,408	870	492	91	44	43	74	150	207	7,829
Montana	541	598	458	704	455	150	90	88	263	522	319	120	4,308
Nebraska	113	208	189	390	1,281	708	311	128	22	92	156	568	4,166
Nevada	3	1	1	2	25	35	1	1	1	1	1	1	66
New Hampshire	347	122	106	118	340	371	95	25	19	90	150	68	1,851
New Jersey	726	978	1,214	1,388	1,298	746	236	73	42	64	141	320	7,226
New Mexico	7	32	23	16	65	38	17	1	1	1	18	12	230
New York	3,797	3,554	5,079	4,874	4,916	3,077	1,499	387	359	561	731	1,173	30,007
North Carolina	114	343	346	179	110	42	13	4	12	10	15	21	1,209
North Dakota	73	132	331	444	412	397	108	83	32	27	64	131	2,234
Ohio	2,394	4,163	7,648	8,396	7,357	3,322	861	151	137	576	1,096	1,996	38,097
Oklahoma	33	19	242	229	163	121	35	39	46	95	72	88	1,182
Oregon	255	469	961	943	923	605	127	46	15	50	58	98	4,550
Pennsylvania	6,104	7,239	8,711	7,757	8,531	3,983	1,318	298	230	985	1,526	1,666	48,348
Rhode Island	428	353	349	448	445	200	112	7	3	4	6	5	2,390
South Carolina	17	21	37	59	64	14	15	18	5	13	28	16	307
South Dakota	183	262	189	145	209	117	22	10	9	7	21	52	1,226
Tennessee	117	14	63	173	276	87	37	19	10	34	114	77	1,021
Texas	292	229	973	738	838	599	116	33	12	9	120	94	4,053
Utah	16	16	17	44	31	29	16	9	13	62	119	571	943
Vermont	128	218	155	61	50	11	31	40	18	3	137	97	958
Virginia	453	645	940	903	877	587	209	84	75	112	131	225	5,241
Washington	222	454	459	760	1,060	460	155	76	25	132	88	184	4,075
West Virginia	402	564	1,315	1,869	1,203	626	146	81	65	71	102	402	6,846
Wisconsin	903	3,129	3,386	5,030	7,756	4,138	1,320	288	206	825	1,696	2,117	30,794
Wyoming	12	49	136	115	257	88	23	5	12	1	3	12	713

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arkansas	1	4	4	6	3	2	1		1			1	23
California		2	2		2		3	2		1		3	15
Colorado			1	3	1	1			1				7
Connecticut	5	6	11	10	9	5	1		1			1	49
Delaware		2	1	2	1								6
Florida	1	1	1	3	4	1						2	13
Georgia	3	7	4	8	6			1	1				30
Idaho			1										6
Illinois	21	23	42	59	61	40	13	4	1	1	5		275
Indiana	9	13	29	35	21	13	1	1		2		1	125
Iowa	2	1	4	5	4	3	1			6	5	5	36
Kansas	9	7	6	8	11	11	2	2		2	1		60
Kentucky	4	7	8	2	2	1	1	1		1	2		38
Louisiana	10	7	12	5	7	2	4		7	1	1		56
Maine	21	10	7	7	4	5	3						57
Maryland	4	5	4	3	1	3			2			1	23
Massachusetts	41	19	11	9	19	8	2	3	2			1	121
Michigan	5	4	20	20	36	19	9	1		3	9	11	146
Minnesota	13	7	12	14	12	11	3		2	1	4	8	87
Mississippi	8	18	29	14	11	4	3	1		1	2	4	95
Missouri	14	18	23	17	12	7	4			1	2	8	106
Montana	2	7	6	8	15		4				1	3	46
Nebraska		2	5		5	9	2	2	2	1	1	4	33
New Hampshire	2		2		1	3	2			1			11
New Jersey	3	7	6	7	2	2	1	1			1	3	33
New Mexico	9	7	16	27	17	9	2	1	1				89
New York	20	22	24	21	30	20	7	7	6	3	4	9	182
North Carolina	3	6	1	2	2		1		2		2		19
North Dakota	6	1	3	6	3	4	3	2		2	2		30
Ohio	26	18	29	55	42	34	10	10	1	1	3	8	237
Oklahoma	1	1	1		6	2	1	2	1	1		2	18
Oregon	2	1	2	5	5	1	3						19
Pennsylvania	65	53	56	50	51	31	16	8	6	6	11	11	364
Rhode Island	11	8	14	9	2	2		1				1	48
South Carolina					1								1
South Dakota			6	4	1	1	2					1	15
Tennessee			3	2	1	1	3	2	1	1	5		25
Texas	7	16	15	14	10	7	8	1	1	1		1	81
Utah				1	1	1				1			2
Vermont		1		1	2		1						5
Virginia	6	4	8	5	9	2	1	3		3		2	43
Washington	1		2	4	3	2	7	2				1	22
West Virginia	6	5	10	6	14	12	6	9	4		2	3	77
Wisconsin	5	5	6	17	15	11	5		2	2	3	7	78
Wyoming			1			3							4

Measles—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929; estimated expectancy and indicated annual rates based on years, 1922-1928

State	Population estimated, July 1, 1929	Estimated expectancy			1929				
		Number of years	Cases	Cases per 1,000 inhabitants	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	7	4,926	1.964	2,989	1.139	63	0.024	47
Arizona.....	428,000	7	689	1.772	240	.560	0	-----	-----
Arkansas.....	1,847,000	7	2,230	1.234	1,441	.780	23	.012	63
California.....	5,508,000	7	8,243	1.780	4,367	.793	15	.003	291
Colorado.....	1,028,000	6	3,556	3.589	734	.714	7	.007	105
Connecticut.....	1,588,000	7	6,873	4.579	9,800	6.170	49	.031	200
Delaware.....	237,000	7	295	1.276	851	3.587	6	.025	142
District of Columbia.....	483,000	7	794	1.711	455	.941	0	-----	-----
Florida.....	1,430,000	7	1,104	.893	1,117	.781	13	.009	86
Georgia.....	2,902,000	7	2,844	.981	1,188	.409	30	.010	40
Idaho.....	445,000	7	238	.542	1,410	3.170	6	.013	235
Illinois.....	7,520,000	7	23,796	3.357	38,793	5.155	275	.036	141
Indiana.....	3,204,000	7	7,255	2.349	10,391	3.243	125	.039	83
Iowa.....	2,463,000	7	1,503	.616	2,154	.874	36	.015	60
Kansas.....	1,872,000	7	6,973	3.813	10,590	5.657	60	.032	176
Kentucky.....	2,609,000	5	2,198	.870	1,558	.597	38	.015	41
Louisiana.....	2,073,000	7	817	.417	1,811	.874	56	.027	32
Maine.....	798,000	7	2,757	3.511	5,641	7.071	57	.071	99
Maryland.....	1,616,000	7	7,003	4.530	2,023	1.252	23	.014	88
Massachusetts.....	4,224,000	7	25,860	6.357	14,925	3.533	121	.029	123
Michigan.....	4,756,000	7	13,917	3.238	18,041	3.793	146	.031	124
Minnesota.....	2,553,000	7	4,015	1.617	13,401	5.248	87	.034	154
Mississippi.....	1,992,000	7	14,545	7.626	12,266	6.157	95	.048	129
Missouri.....	3,605,000	7	6,274	1.782	7,829	2.172	106	.029	74
Montana.....	537,000	5	353	.651	4,308	8.019	46	.086	94
Nebraska.....	1,373,000	7	1,110	.828	4,166	3.034	33	.024	126
Nevada.....	90,000	4	193	2.279	66	.733	0	-----	-----
New Hampshire.....	464,000	7	1,463	3.215	1,851	3.992	11	.024	168
New Jersey.....	3,964,000	7	18,410	5.080	7,226	1.823	33	.008	219
New Mexico.....	422,000	7	867	2.188	230	.545	89	.211	3
New York.....	12,456,000	7	62,278	5.376	30,007	2.409	182	.015	165
North Carolina.....	3,126,000	7	14,644	5.072	1,209	.387	19	.006	64
North Dakota.....	680,000	7	643	.966	2,234	3.286	30	.044	74
Ohio.....	6,575,000	7	19,008	3.050	38,097	5.794	237	.036	161
Oklahoma.....	2,365,000	7	2,374	1.068	1,182	.500	18	.008	66
Oregon.....	940,000	7	1,337	1.529	4,550	4.839	19	.020	239
Pennsylvania.....	9,573,000	7	42,678	4.632	48,348	5.050	364	.038	133
Rhode Island.....	681,000	7	635	.979	2,390	3.509	48	.070	50
South Carolina.....	1,729,000	5	946	.553	307	.178	1	.001	307
South Dakota.....	687,000	7	1,157	1.738	1,226	1.785	15	.022	82
Tennessee.....	2,589,000	7	4,685	1.887	1,021	.394	25	.010	41
Texas.....	5,737,000	7	2,457	.465	4,053	.706	81	.014	50
Utah.....	499,000	5	628	1.314	943	1.891	2	.004	471
Vermont.....	359,000	7	1,623	4.559	958	2.671	5	.014	192
Virginia.....	2,411,000	7	16,654	7.032	5,241	2.173	43	.018	122
Washington.....	1,547,000	7	1,886	1.286	4,075	2.634	22	.014	185
West Virginia.....	1,709,000	7	3,603	2.244	6,846	4.005	77	.045	89
Wisconsin.....	2,908,000	7	14,351	5.140	30,794	10.588	78	.027	395
Wyoming.....	222,000	7	309	1.467	713	3.206	4	.018	178

State	Number of years included	January	February	March	April	May	June	July	August	September	October	November	December	Total
Alabama	6	5	4	7	6	4	3	4	4	3	3	3	4	50
Arizona	1			1		1			1	1			1	4
Arkansas	5	2	1	1		1	1	1	1	1	1	1		11
California	7	12	21	11	15	14	11	12	10	11	12	9	14	152
Colorado	3	1	1	2		2	2	1	2	1		2	4	18
Connecticut	7	4	4	4	5	5	5	4	3	4	4	2	4	48
Delaware	6	1	1	1		1		1	1	1	1			8
District of Columbia	5	2	1	1	1									5
Florida	5	2		1	1	2	2	2	3		1	1	1	16
Georgia	4	4	2	3	3	2	2	1	2	1	1	2	3	26
Idaho	3	7	12	10	9	4	4	2	2	2	4	6	5	67
Illinois	7	15	9	17	16	13	8	11	11	11	9	11	14	145
Indiana	5	4	3	2	4	3	3	2	1	2	4	2	3	33
Iowa	5	1	3	4	1	1	1	2	3	2	1	2	2	23
Kansas	7	6	4	3	4	4	2	3	5	3	2	3	3	42
Kentucky	2	2	4	2	5	1		4	6	5	2	4	8	43
Louisiana	4	4	3	4	4	2	3	1	2	2	4	3	4	27
Maine	6	1	2	1	3	2	1	1	1	1	2	1	1	17
Maryland	7	2	4	2	3	3	2	2	3	2	3	3	1	30
Massachusetts	7	11	8	12	11	9	10	8	6	10	7	9	8	106
Michigan	2	10	15	17	19	17	24	17	10	13	24	20	24	210
Minnesota	7	3	4	5	4	4	3	5	5	4	1	2	4	44
Mississippi	4	2	2	2	2	2	1	1	1	1	1	1	2	15
Missouri	7	5	4	6	5	4	5	4	4	2	4	2	3	48
Montana	7	6	4	2	2	3	3	1	1	2	3	4	4	35
Nebraska	7	2	1	1	1	1	1	1			1	2	2	12
Nevada	4		1	1	1				1					4
New Jersey	7	10	7	10	10	11	9	8	6	6	6	9	7	96
New Mexico	5					1				1			1	3
New York	7	22	10	35	30	27	23	19	17	21	18	18	14	263
North Carolina	7	3	2	3	1	4	3	4	3	2	2	2	2	31
North Dakota	4	2	4	4	8	1	1	2	3	4	3	2	5	30
Ohio	7	8	5	7	8	6	7	5	6	5	6	6	4	73
Oklahoma	3	1	5	6	2	2		3	1	2	6	2	7	37
Oregon	7	2	4	8	6	4	1	2	1	2	2	1	4	37
Pennsylvania	4	9	11	18	15	20	13	12	15	13	13	10	15	164
Rhode Island	6	1	1	1		1		1	1	2	1	1		10
South Carolina	2	3	2	4			2					1		14
South Dakota	7	1	1		1		1	1			1	1	2	9
Tennessee	7	4	5	5	4	3	2	2	4	4	3	1	3	40
Texas	5	2	2	1	2	2	1	1	2	1	1	2	4	21
Utah	5	5	3	4	2	1	3	2	1	1	1			

Meningococcus meningitis—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	9	18	13	10	3	2	2	5	6	6	6	3	83
Arizona.....	45	57	40	30	17	7	4	8	11	12	30	26	287
Arkansas.....	24	3	14	35	16	5	2	-----	2	1	9	37	148
California.....	65	84	112	103	108	43	56	28	23	34	25	59	740
Colorado.....	31	20	38	45	14	7	4	3	3	4	8	16	193
Connecticut.....	7	9	14	12	5	6	6	4	1	2	3	18	87
Delaware.....	3	-----	1	1	2	2	1	-----	1	1	3	-----	15
District of Columbia.....	-----	1	2	2	2	-----	3	1	-----	1	5	3	20
Florida.....	3	1	1	1	1	1	4	3	1	-----	1	1	18
Georgia.....	4	7	18	10	11	3	5	7	4	3	9	6	87
Idaho.....	37	37	58	31	19	3	7	5	11	20	10	18	256
Illinois.....	48	54	61	69	91	54	43	31	24	29	32	43	579
Indiana.....	3	4	2	3	4	9	3	5	4	1	6	56	100
Iowa.....	16	12	9	5	3	3	5	5	4	3	3	2	70
Kansas.....	18	11	21	15	13	12	7	3	9	5	13	7	134
Kentucky.....	-----	1	3	5	8	6	4	1	1	6	5	1	41
Louisiana.....	17	22	14	22	13	7	9	-----	2	7	5	27	145
Maine.....	2	1	4	1	1	4	2	1	-----	1	4	2	23
Maryland.....	8	-----	2	3	3	3	2	3	1	2	4	3	34
Massachusetts.....	10	10	15	24	18	19	15	13	9	9	13	12	167
Michigan.....	89	98	212	316	367	287	133	66	84	85	57	70	1,864
Minnesota.....	11	10	5	10	11	8	12	10	5	2	7	17	108
Mississippi.....	5	2	6	2	1	2	1	1	4	1	1	4	30
Missouri.....	57	67	151	96	66	61	22	30	17	22	30	44	663
Montana.....	25	12	16	19	13	17	3	2	6	11	13	12	149
Nebraska.....	4	16	9	8	8	1	1	2	2	2	3	9	65
Nevada.....	-----	2	5	2	3	1	2	-----	1	2	3	-----	21
New Jersey.....	38	31	24	31	34	21	23	21	18	17	22	27	307
New Mexico.....	3	4	15	1	14	1	4	4	-----	-----	3	6	55
New York.....	143	148	145	138	132	85	89	73	59	59	69	72	1,212
North Carolina.....	2	4	8	1	14	7	7	7	10	10	7	11	88
North Dakota.....	23	24	16	12	5	11	3	2	12	9	3	17	137
Ohio.....	44	25	32	55	64	34	25	22	12	18	29	27	387
Oklahoma.....	79	26	23	21	4	7	6	2	5	2	9	15	199
Oregon.....	10	9	3	9	6	3	4	2	1	3	10	4	64
Pennsylvania.....	43	46	72	46	61	32	36	48	33	32	29	39	517
Rhode Island.....	2	2	-----	1	2	1	-----	-----	2	-----	1	1	11
South Carolina.....	2	4	6	6	6	6	3	7	3	6	3	2	54
South Dakota.....	5	7	-----	1	4	1	3	1	-----	4	-----	4	30
Tennessee.....	7	10	11	13	8	11	10	4	10	5	18	22	129
Texas.....	10	11	10	2	2	4	1	4	-----	1	2	4	51
Utah.....	48	90	87	62	34	18	24	17	16	21	24	20	461
Virginia.....	9	9	3	10	13	7	4	4	6	10	5	4	84
Washington.....	25	22	82	48	32	14	5	19	13	12	9	23	304
West Virginia.....	6	6	6	3	-----	3	1	9	3	1	8	4	50
Wisconsin.....	31	43	43	18	25	21	10	10	5	10	10	7	233
Wyoming.....	8	2	2	8	5	2	4	4	4	5	4	3	51

Meningococcus meningitis—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona.....	17	14	14	9	7	7	4	1	5	1	10	8	97
Arkansas.....		2	20	8	10	7	2		3	4	5	17	78
California.....	43	36	56	47	51	35	19	16	19	13	16	30	381
Colorado.....	14	14	21	14	7	4	3	5			3	5	90
Connecticut.....		3	5	1	2		1	1			4	7	24
Delaware.....	3			1	2	2	1		1	1	3		15
District of Columbia.....	1		2		2		2	1		1	3	2	14
Florida.....	2	1				3	2	1			1	1	11
Idaho.....	11	14	19	15	10	2	1			1	7	12	92
Illinois.....	24	29	32	40	38	36	27	17	11	12	14	27	307
Indiana.....	3		3	5	8	5	3	2	3	2	3	52	89
Iowa.....	5	7	6	4	3	3	4	2	2	1	4		41
Kansas.....	6	7	6	4	5	3	4	2	3	2	3	6	51
Louisiana.....	2	7	7	9	3	3	1	3		6	3	11	55
Maine.....	1	1	1			1		1	1		1		7
Maryland.....	3				5	3	1	4	1	2	3	4	26
Massachusetts.....	6	4	8	10	8	8	10	5	2	7	7	4	79
Michigan.....	27	44	116	143	163	105	75	43	29	30	33	43	851
Minnesota.....	7	6	1	5	4	3	8	4	1	1	4	2	46
Mississippi.....	2	1	1	1		1	2			2		5	15
Missouri.....	19	35	51	38	36	21	6	15	9	13	15	17	275
Montana.....	10	5	4	12	7	7	1	3	2	4	2	3	60
Nebraska.....	1	9	8	3	3	2	1	3			4	4	38
Nevada.....	1	2	5	1	1	1	2	1		1			15
New Hampshire.....		1	1										2
New Jersey.....	12	7	7	8	15	8	7	4	6	6	15	14	109
New York.....	72	80	70	49	56	36	46	36	24	37	27	35	568
North Carolina.....		1	1	1	3	2	4	1	1	2	1		17
North Dakota.....	12	11	3	3	2	3	3	3	2	3	1	6	52
Ohio.....	18	20	12	28	26	15	21	10	7	8	17	17	199
Oklahoma.....	38	22	23	15	11	7	4			1	1	6	128
Oregon.....	11	7	4	7	4	2	1	1	2		2	1	42
Pennsylvania.....	14	22	27	18	30	12	14	23	17	14	13	20	224
Rhode Island.....	1	1		4	4						2		8
South Carolina.....	2	4	5	6	4	3	3	1	6	4	3	11	52
South Dakota.....		2	6	1						3			12
Tennessee.....	4	3	6	7	5	3	5	2	2	3	6	13	59
Texas.....	3	3	2		1			2		1	2	2	16
Utah.....	25	46	53	26	15	9	11	8	7	10	8	9	227
Virginia.....	4	4	4	3	6	3	3	1	2		5	4	39
Washington.....	11	9	16	19	25	6	1	5	5	6	3	10	116
West Virginia.....	5	1	1	2			1	1		1	2		14
Wisconsin.....	15	15	25	7	9	11	3	6	4	4	4	6	109
Wyoming.....	8	2	1	3	3	2	2	4	3	5	1	3	37

Meningococcus meningitis—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929; estimated expectancy and indicated annual rates based on years, 1922–1928

State	Population estimated, July 1, 1929	Estimated expectancy			1929				
		Number of years	Cases	Cases per 1,000 inhabitants	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	6	50	0.020	83	0.032	—	—	—
Arizona.....	428,000	5	4	.010	287	.670	97	0.226	3
Arkansas.....	1,847,000	5	11	.006	148	.080	78	.042	2
California.....	5,508,000	7	152	.033	740	.134	381	.069	2
Colorado.....	1,028,000	3	19	.019	193	.188	90	.087	2
Connecticut.....	1,588,000	7	48	.032	87	.055	24	.015	4
Delaware.....	237,000	6	8	.035	15	.063	15	.063	1
District of Columbia.....	483,000	7	3	.006	20	.041	14	.029	1
Florida.....	1,430,000	5	16	.013	18	.013	11	.008	2
Georgia.....	2,902,000	4	26	.009	87	.030	0	—	—
Idaho.....	445,000	3	67	.152	256	.575	92	.207	3
Illinois.....	7,526,000	7	145	.020	579	.077	307	.041	2
Indiana.....	3,204,000	5	33	.011	100	.031	89	.028	1
Iowa.....	2,463,000	5	23	.009	70	.028	41	.017	2
Kansas.....	1,872,000	7	42	.023	134	.072	51	.027	3
Kentucky.....	2,609,000	2	43	.017	41	.016	—	—	—
Louisiana.....	2,073,000	7	36	.018	145	.070	55	.026	3
Maine.....	798,000	6	17	.022	23	.029	7	.009	3
Maryland.....	1,616,000	7	30	.019	34	.021	26	.016	1
Massachusetts.....	4,224,000	7	109	.027	167	.039	79	.019	2
Michigan.....	4,756,000	2	210	.049	1,864	.392	851	.179	2
Minnesota.....	2,553,000	7	44	.018	108	.042	46	.018	2
Mississippi.....	1,992,000	4	18	.009	30	.015	15	.007	2
Missouri.....	3,605,000	7	48	.014	663	.184	275	.076	2
Montana.....	537,000	7	35	.065	149	.277	60	.112	2
Nebraska.....	1,373,000	7	12	.009	65	.047	38	.028	2
Nevada.....	90,000	4	4	.047	21	.233	15	.167	1
New Hampshire.....	464,000	3	1	.002	—	—	2	.004	—
New Jersey.....	3,964,000	7	99	.027	307	.077	109	.027	3
New Mexico.....	422,000	5	3	.008	55	.130	0	—	—
New York.....	12,456,000	7	263	.023	1,212	.097	568	.046	2
North Carolina.....	3,126,000	7	31	.011	88	.028	17	.005	5
North Dakota.....	680,000	4	39	.059	137	.201	52	.076	3
Ohio.....	6,575,000	7	73	.012	387	.059	199	.030	2
Oklahoma.....	2,365,000	3	37	.017	199	.084	128	.054	2
Oregon.....	940,000	7	37	.042	64	.068	42	.045	2
Pennsylvania.....	9,573,000	4	164	.018	517	.054	224	.023	2
Rhode Island.....	681,000	6	10	.015	11	.016	8	.012	1
South Carolina.....	1,729,000	2	14	.008	54	.031	52	.030	1
South Dakota.....	687,000	7	9	.014	30	.044	12	.017	2
Tennessee.....	2,589,000	7	40	.016	129	.050	59	.023	2
Texas.....	5,737,000	5	21	.004	51	.009	16	.003	3
Utah.....	499,000	5	31	.065	461	.924	227	.455	2
Virginia.....	2,411,000	7	72	.030	84	.035	39	.016	2
Washington.....	1,547,000	7	62	.042	304	.196	116	.075	3
West Virginia.....	1,709,000	6	30	.019	50	.029	14	.008	4
Wisconsin.....	2,908,000	6	140	.050	233	.080	109	.037	2
Wyoming.....	222,000	7	4	.019	51	.229	37	.166	1

Mumps—Monthly estimated expectancy based on data which are available for the years 1922-1928, inclusive

State	Number of years included	January	February	March	April	May	June	July	August	September	October	November	December	Total
Alabama.....	7	109	101	210	145	89	73	33	25	28	29	19	33	894
Arizona.....	7	12	15	27	17	17	7	2	1	4	8	4	8	122
Arkansas.....	7	53	93	145	109	102	45	44	32	32	15	20	18	708
California.....	7	623	824	1,203	1,057	1,033	715	152	137	200	267	348	415	6,974
Colorado.....	6	213	132	314	248	202	96	42	16	20	45	93	88	1,509
Connecticut.....	7	143	170	198	167	85	90	31	23	20	51	75	84	1,137
Delaware.....	7	3	2	7	9	11	1	5			2	1	2	43
Florida.....	7	19	49	66	92	73	15	8	15	2	11	20	12	382
Georgia.....	7	66	78	142	163	124	47	24	18	17	22	18	20	739
Idaho.....	7	7	52	3	4	3	2			1			1	74
Illinois.....	7	1,092	1,375	1,537	1,037	925	492	247	110	114	160	315	524	7,928
Indiana.....	5	11	8	14	10	10	3	5	9		3	7	32	112
Iowa.....	7	108	140	208	156	104	35	7	5	9	22	39	98	931
Kansas.....	7	207	277	271	373	304	127	50	26	23	32	61	119	1,870
Kentucky.....	5	45	25	37	54	44	12	11	2	7	2	5	7	251
Louisiana.....	7	2	6	10	5	14	3	2	2		2	1	1	48
Maine.....	7	80	87	222	154	126	45	23	16	6	27	70	120	976
Maryland.....	7	156	254	295	282	320	177	74	25	17	51	53	83	1,787
Massachusetts.....	7	840	751	1,188	997	678	600	242	90	100	181	402	590	6,659
Michigan.....	7	365	339	455	411	363	268	72	30	24	102	168	296	2,893
Mississippi.....	7	521	639	938	1,139	898	557	341	179	149	191	266	265	6,083
Missouri.....	7	113	252	315	298	287	145	62	22	20	25	52	67	1,658
Montana.....	7	40	52	96	20	7	3	3	2	1	4	10	4	242
Nebraska.....	7	56	87	90	60	86	36	22	9	6	11	11	21	495
Nevada.....	4	1	4	5	1	1	1	1			1			15
New Hampshire.....	7	14	25	17	19	17	3	3	1	2	4	21	11	137
New Mexico.....	7	35	49	53	49	48	8	5	3	6	8	7	12	283
New York.....	7	1,474	1,424	1,581	1,544	1,581	999	473	211	196	353	757	1,333	11,926
North Dakota.....	6	48	53	61	48	26	7	6	3	4	18	33	34	341
Ohio.....	7	387	430	740	557	327	226	80	43	52	101	207	301	3,451
Oklahoma.....	7	29	73	50	50	49	19	9	4	7	3	4	12	306
Oregon.....	7	83	75	98	85	80	53	23	12	22	24	30	55	640
Pennsylvania.....	7	1,174	1,449	2,623	2,516	1,575	824	232	102	104	282	564	988	12,433
Rhode Island.....	7	20	27	19	17	10	8	8	2	2	4	4	7	128
South Carolina.....	5	6	9	7	55	10	6	3	2	4	13	9	21	145
South Dakota.....	6	73	65	73	56	30	7	8	2	3	14	34	55	420
Tennessee.....	4	46	144	138	137	115	45	23	11	8	11	11	40	729
Texas.....	7	61	175	164	194	151	99	35	20	10	14	26	52	1,001
Utah.....	5	46	76	78	82	37	51	10	8	6	8	21	23	446
Vermont.....	7	143	91	130	111	85	62	35	16	17	40	67	70	867
Washington.....	7	304	349	431	256	193	150	71	25	49	93	128	200	2,249
Wisconsin.....	7	816	617	809	641	473	188	160	54	53	119	263	444	4,637
Wyoming.....	7	5	17	33	24	15	7	5	4	6	3	5	4	128

Mumps—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama	61	25	41	49	49	42	14	6	5	6	18	21	337
Arizona	4	7	12	4		5	5	1	9	98	278	333	756
Arkansas	92	175	110	167	107	69	45	31	25	33	16	46	916
California	1,152	1,326	2,113	2,198	2,903	1,338	650	412	580	1,132	1,204	1,363	16,371
Colorado	116	100	176	249	168	89	51	39	25	20	53	115	1,201
Connecticut	446	346	431	389	344	149	56	15	19	67	100	114	2,476
Delaware	3	12	7	2	3	3	3						37
Florida	13	10	33	18	12	9	10	13	11	32	63	88	312
Georgia	20	64	91	93	92	50	27	21	26	19	17	54	574
Idaho	15	55	92	77	18	9	4	5	35	109	64	115	598
Illinois	461	446	495	528	633	390	173	94	110	202	372	603	4,507
Indiana	43	67	53	33	17	10	2	10	4	15	26	121	301
Iowa	292	343	531	445	265	119	31	14	7	17	52	160	2,276
Kansas	296	553	776	695	497	205	103	48	74	121	158	244	3,770
Kentucky	34	35	116	52	54	23	4	26	13	7	26	39	429
Louisiana	5	3			4	1		1	3			3	24
Maine	138	101	88	122	155	120	16	28	17	66	166	125	1,142
Maryland	399	429	816	881	929	556	187	58	13	28	43	46	4,385
Massachusetts	461	359	440	447	519	429	227	103	67	222	409	562	4,245
Michigan	374	459	722	619	815	633	197	94	87	181	358	455	4,994
Mississippi	391	404	562	486	381	212	183	102	96	100	90	165	3,172
Missouri	78	210	293	207	135	78	45	22	17	14	36	55	1,190
Montana	11	13	26	30	40	29	19	25	68	180	225	149	1,163
Nebraska	39	113	148	206	172	44	22	15	13	38	249	68	1,127
Nevada											11	3	16
New Hampshire	124	73	33	14	5	3		1			1	51	305
New Mexico	33	66	131	299	85	42	28	9	6	41	22	27	789
New York	1,331	1,178	2,096	2,126	2,565	1,849	757	282	263	526	867	1,204	15,044
North Dakota	4	5	132	18	12	15	6	10	23	19	216	53	513
Ohio	262	396	395	320	394	251	120	59	57	162	321	369	3,106
Oklahoma	35	36	104	69	21	80	13	17	3		2	7	387
Oregon	105	167	170	127	113	90	54	31	48	60	82	64	1,111
Pennsylvania	1,587	1,943	2,260	1,572	1,419	599	255	108	163	463	758	857	11,984
Rhode Island	40	3	11	8	3	4	3	1		3	5		81
South Carolina	20	31	174	166	152	143	75	55	52	42	44	44	998
South Dakota	30	19	19	41	39	26	12	3	7	17	9	43	265
Tennessee	30	66	331	120	142	105	34	15	4	6	7	12	872
Texas	36	120	113	98	146	84	15	14	18	22	24	46	736
Utah	68	220	403	382	355	272	94	48	27	53	141	276	2,339
Vermont	506	363	286	205	91	39	20	14	2	5	22	7	1,560
Washington	241	291	347	294	349	204	177	116	120	230	266	339	2,974
Wisconsin	315	525	505	323	489	274	112	75	73	146	238	334	3,409
Wyoming	26	25	126	116	65		8	3	6	2	10	65	479

¹ Includes cases from delayed reports.*Mumps—Deaths registered, 1929*

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
California						2	1	1			1		5
Connecticut	1												1
District of Columbia												1	1
Idaho												1	1
Illinois	1		1	2	1			1	1	1			8
Indiana				1			1	1				1	4
Iowa	1	1	2	3									7
Kansas					2	1	1	1				1	6
Louisiana		1											1
Maryland				1	1		1						3
Massachusetts												1	1
Michigan	1				1	3		2	2		1		10
Minnesota					1	1							3
Missouri		1		1	1								3
Montana	1												1
New Jersey	1	1											2
North Carolina	1									1			2
Ohio	1		3			2	1		1				8
Oregon					1								1
South Carolina						2			1		1	1	5
South Dakota								1					1
Texas							2	1					4
Utah					1	1							2
Virginia			1		1								2
Washington			1									1	2
West Virginia										1			1
Wisconsin								1					1

Mumps—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929; estimated expectancy and indicated annual rates based on years 1922-1928

State	Population estimated, July 1, 1929	Estimated expectancy			1929				
		Number of years	Cases	Cases per 1,000 inhabitants	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	7	894	0.357	337	0.128	—	—	—
Arizona.....	428,000	7	122	.314	756	1.765	0	—	—
Arkansas.....	1,847,000	7	708	.392	916	.496	0	—	—
California.....	5,508,000	7	6,974	1.506	16,371	2.972	5	0.001	3,274
Colorado.....	1,028,000	6	1,509	1.523	1,201	1.168	0	—	—
Connecticut.....	1,588,000	7	1,137	.758	2,476	1.559	1	.001	2,476
Delaware.....	237,000	7	43	.186	37	.156	0	—	—
District of Columbia.....	483,000	—	—	—	—	—	1	.002	—
Florida.....	1,430,000	7	382	.309	312	.218	0	—	—
Georgia.....	2,902,000	7	739	.255	574	.198	0	—	—
Idaho.....	445,000	7	74	.168	598	1.344	1	.002	598
Illinois.....	7,526,000	7	7,928	1.119	4,507	.599	8	.001	563
Indiana.....	3,204,000	5	112	.036	301	.094	4	.001	75
Iowa.....	2,463,000	7	931	.382	2,276	.924	7	.003	325
Kansas.....	1,872,000	7	1,870	1.023	3,770	2.014	6	.003	628
Kentucky.....	2,609,000	5	251	.099	429	.164	0	—	—
Louisiana.....	2,673,000	7	48	.025	24	.012	1	.000	24
Maine.....	798,000	7	976	1.243	1,142	1.432	0	—	—
Maryland.....	1,616,000	7	1,787	1.156	4,385	2.713	3	.002	1,462
Massachusetts.....	4,224,000	7	6,659	1.637	4,245	1.005	1	.000	4,245
Michigan.....	4,756,000	7	2,893	.673	4,994	1.050	10	.002	499
Minnesota.....	2,553,000	—	—	—	—	—	3	.001	—
Mississippi.....	1,992,000	7	6,083	3.189	3,172	1.592	—	—	—
Missouri.....	3,605,000	7	1,658	.471	1,190	.330	3	.001	397
Montana.....	537,000	7	242	.446	1,163	2.165	1	.002	1,163
Nebraska.....	1,373,000	7	495	.369	1,127	.821	0	—	—
Nevada.....	90,000	4	15	.177	14	.156	0	—	—
New Hampshire.....	464,000	7	137	.301	305	.658	0	—	—
New Jersey.....	3,964,000	—	—	—	—	—	2	.000	—
New Mexico.....	422,000	7	283	.714	789	1.868	0	—	—
New York.....	12,456,000	7	11,926	1.030	15,044	1.208	8	.001	1,880
North Carolina.....	3,126,000	—	—	—	—	—	2	.001	—
North Dakota.....	680,000	6	341	.512	513	.755	0	—	—
Ohio.....	6,575,000	7	3,451	.554	3,106	.472	8	.001	388
Oklahoma.....	2,365,000	7	309	.139	387	.164	0	—	—
Oregon.....	940,000	7	640	.732	1,111	1.181	1	.001	1,111
Pennsylvania.....	9,573,000	7	12,433	1.349	11,984	1.252	10	.001	1,198
Rhode Island.....	681,000	7	128	.187	81	.119	0	—	—
South Carolina.....	1,729,000	5	145	.085	998	.577	5	.003	200
South Dakota.....	687,000	6	426	.631	265	.386	1	.001	265
Tennessee.....	2,589,000	4	729	.294	872	.337	0	—	—
Texas.....	5,737,000	7	1,061	.189	736	.128	4	.001	184
Utah.....	499,000	5	446	.933	2,339	4.690	2	.004	1,169
Vermont.....	359,000	7	867	2.435	1,560	4.350	0	—	—
Virginia.....	2,411,000	—	—	—	—	—	2	.001	—
Washington.....	1,547,000	7	2,249	1.533	2,974	1.922	2	.001	1,487
West Virginia.....	1,709,000	—	—	—	—	—	1	.001	—
Wisconsin.....	2,908,000	7	4,637	1.661	3,409	1.172	1	.000	3,409
Wyoming.....	222,000	7	128	.608	479	2.154	0	—	—

Pellagra—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	13	13	24	64	121	260	157	116	52	16	33	13	882
Arizona.....					7					2	2	1	12
Arkansas.....	65	23	29	58	142	304	225	115	36	40	8	2	1,047
California.....	6	6	4	8	5		6	10	8	9	3	5	75
District of Columbia.....				2			1						3
Louisiana.....	34	23	42	69	90	122	121	54	48	43	22	30	698
Maine.....					1	2							3
Minnesota.....	1	1		1			1						4
Mississippi.....	298	364	790	1,517	2,495	3,088	2,099	1,165	794	574	386	328	13,898
Nevada.....					1								1
Oklahoma.....	3	4	16	32	50	114	118	124	51	46	18	21	597
Oregon.....								2					2
South Carolina.....	135	133	351	652	946	1,937	1,239	942	597	348	390	179	7,849
Virginia.....	17	8	20	44	48	54	61	35	30	19	9	7	352

Pellagra—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona.....						3	1	1		1	1	1	8
Arkansas.....	30	24	30	41	46	63	74	67	40	32	27	29	503
California.....	2	4	5	5	3	4	2	2	7	4	2	5	45
Colorado.....		1					1	1					5
Connecticut.....									1		1		2
District of Columbia.....				2									2
Florida.....	29	22	24	18	37	29	28	19	17	31	23	36	313
Georgia.....	51	38	55	63	74	101	127	95	71	58	51	68	852
Illinois.....	1	1		2	1	3	2		1		2		14
Indiana.....			1						1				2
Iowa.....	1				1						1		3
Kansas.....	3	1			2		1	2				1	10
Kentucky.....	15	10	9	5	16	4	12	7	12	10	5	7	112
Louisiana.....	20	8	18	25	34	45	25	34	24	21	13	19	286
Maine.....		1				1			1				3
Maryland.....		1	1	1			1	1	1	1		1	10
Massachusetts.....				1	3	3			1	1	2		11
Michigan.....	1	1			1		1	2		1		1	8
Minnesota.....	1	1		1			1						4
Mississippi.....	34	38	56	61	85	95	95	67	57	55	41	43	727
Missouri.....	4	1			2	2		3	1	5	3		21
Montana.....			1										1
Nebraska.....						1		1	1				3
Nevada.....					1								1
New Hampshire.....					1								1
New Jersey.....		1						1					2
North Carolina.....	78	50	57	71	88	114	99	91	100	85	81	67	981
Ohio.....	4			3	4			1	2	2	2	1	19
Oklahoma.....	16	18	13	23	20	28	54	36	25	19	14	22	288
Oregon.....								2					2
Rhode Island.....								1		1			2
South Carolina.....	39	36	49	62	112	126	126	77	84	79	54	65	909
South Dakota.....			1						1				2
Tennessee.....	26	25	30	35	40	42	53	55	33	20	25	22	406
Texas.....	54	40	61	65	91	99	86	94	67	79	59	67	862
Vermont.....										1			1
Virginia.....	19	11	11	21	18	22	32	16	27	15	21	13	226
West Virginia.....		1		1		1	1	1	1				6

Pellagra—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929

State	Population estimated, July 1, 1929	Cases reported, 1929	Cases per 1,000 inhabitants	Deaths registered, 1929	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	882	0.336	660	0.252	1
Arizona.....	428,000	12	.028	8	.019	1
Arkansas.....	1,847,000	1,047	.567	503	.272	2
California.....	5,508,000	75	.014	45	.008	2
Colorado.....	1,028,000	—	—	5	.005	—
Connecticut.....	1,588,000	—	—	2	.001	—
District of Columbia.....	483,000	3	.006	2	.004	1
Florida.....	1,430,000	—	—	313	.219	—
Georgia.....	2,902,000	—	—	852	.294	—
Illinois.....	7,526,000	—	—	14	.002	—
Indiana.....	3,204,000	—	—	2	.001	—
Iowa.....	2,463,000	—	—	3	.001	—
Kansas.....	1,872,000	—	—	10	.005	—
Kentucky.....	2,609,000	—	—	112	.043	—
Louisiana.....	2,073,000	698	.337	286	.138	2
Maine.....	798,000	3	.004	3	.004	1
Maryland.....	1,616,000	—	—	10	.006	—
Massachusetts.....	4,224,000	—	—	11	.003	—
Michigan.....	4,756,000	—	—	8	.002	—
Minnesota.....	2,553,000	4	.002	4	.002	1
Mississippi.....	1,992,000	13,898	6.977	727	.365	19
Missouri.....	3,605,000	—	—	21	.006	—
Montana.....	537,000	—	—	1	.002	—
Nebraska.....	1,373,000	—	—	3	.002	—
Nevada.....	90,000	1	.011	1	.011	1
New Hampshire.....	464,000	—	—	1	.002	—
New Jersey.....	3,964,000	—	—	2	.000	—
New Mexico.....	422,000	—	—	33	.078	—
New York.....	12,456,000	—	—	24	.002	—
North Carolina.....	3,126,000	—	—	981	.314	—
Ohio.....	6,575,000	—	—	19	.003	—
Oklahoma.....	2,365,000	597	.252	288	.122	2
Oregon.....	940,000	2	.002	2	.002	1
Pennsylvania.....	9,573,000	—	—	16	.002	—
Rhode Island.....	681,000	—	—	2	.003	—
South Carolina.....	1,729,000	7,849	4.540	909	.526	9
South Dakota.....	687,000	—	—	2	.003	—
Tennessee.....	2,589,000	—	—	406	.157	—
Texas.....	5,737,000	—	—	862	.150	—
Vermont.....	359,000	—	—	1	.003	—
Virginia.....	2,411,000	352	.146	226	.094	2
West Virginia.....	1,709,000	—	—	6	.003	—

Plague (human)

No case of human plague, or death from this disease, was reported in the United States during 1929.

Pneumonia (all forms)—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	2,599	584	469	259	198	114	66	64	58	75	215	311	5,012
California ¹	481	432	437	395	301	229	206	119	136	200	288	421	3,645
Connecticut.....	907	613	446	296	265	131	88	72	69	148	147	237	3,419
Delaware.....	94	45	46	29	20	6	11	5	11	11	14	23	315
District of Columbia.....	396	219	204	119	98	71	41	50	34	90	99	147	1,568
Illinois.....	3,376	1,830	1,955	1,327	1,530	656	496	340	418	757	953	1,379	15,017
Kansas.....	224	230	206	100	58	22	18	26	34	44	91	167	1,220
Louisiana.....	902	280	430	208	151	161	111	105	105	170	266	505	3,394
Maine.....	504	188	109	126	140	85	15	16	22	39	88	111	1,443
Maryland.....	1,565	753	570	346	301	129	85	76	61	179	219	302	4,586
Massachusetts ¹	1,342	889	695	442	392	214	119	76	99	280	267	472	5,287
Michigan.....	1,762	1,074	846	771	727	486	191	176	203	325	400	497	7,458
Minnesota.....	397	190	195	174	180	98	74	75	91	143	153	266	2,036
Mississippi.....	4,694	2,395	1,909	978	530	302	188	217	310	633	1,022	1,738	14,916
Missouri.....	261	122	158	59	34	36	13	25	19	28	86	106	947

¹ Lobar pneumonia only.

Pneumonia (all forms)—Cases reported, 1929—Continued

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Nevada.....	32	27	40	22	8	10	8	3	6	8	18	11	193
New Jersey.....	2,072	703	686	489	398	197	140	127	132	313	368	538	6,163
New Mexico.....	157	83	59	55	21	11	9	5	7	5	13	28	453
New York.....	10,846	5,386	4,182	3,202	2,554	1,533	853	896	999	2,000	1,985	2,857	37,293
North Dakota ¹	115	70	76	49	18	19	12	9	15	19	39	37	1,478
Ohio.....	2,011	1,167	770	563	453	329	204	201	200	330	342	486	7,056
Oklahoma.....	1,448	594	501	207	77	43	7	10	26	32	106	223	3,274
Oregon.....	235	176	206	124	122	76	28	21	38	78	112	170	1,386
South Carolina.....	1,146	527	547	318	212	136	62	66	74	105	282	443	3,918
Tennessee.....	998	407	466	147	114	25	20	20	25	79	166	169	2,636
Utah.....	123	126	192	150	97	28	21	24	22	47	57	78	965
Washington.....	61	135	106	82	76	75	43	44	32	59	91	161	965
Wyoming.....	17	20	25	23	18	9	8	3	5	18	17	22	185

¹ Lobar pneumonia only.*Pneumonia (all forms)—Deaths registered, 1929*

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona.....	88	79	110	60	58	58	27	19	23	26	57	77	682
Arkansas.....	434	264	194	131	91	46	39	39	52	76	128	208	1,702
California.....	478	474	589	447	321	288	212	174	179	242	376	556	4,336
Colorado.....	216	194	147	101	96	56	43	29	50	83	103	123	1,241
Connecticut.....	361	295	203	138	123	73	62	50	60	92	94	136	1,687
Delaware.....	94	45	46	29	20	3	11	5	11	11	14	23	312
District of Columbia.....	172	94	78	40	46	24	22	24	25	40	50	69	693
Florida.....	192	98	79	59	55	40	38	40	49	48	75	92	865
Georgia.....	507	239	212	185	127	138	93	66	103	128	158	280	2,236
Idaho.....	51	28	44	36	33	35	20	20	24	30	34	51	406
Illinois.....	1,255	734	750	516	538	317	220	183	218	372	434	698	6,235
Indiana.....	756	442	390	229	236	132	71	108	145	199	212	363	3,283
Iowa.....	320	179	160	143	126	67	55	55	76	93	125	198	1,596
Kansas.....	145	159	196	117	64	36	23	44	35	47	93	129	1,088
Kentucky.....	670	359	200	162	130	102	71	91	97	155	208	320	2,565
Louisiana.....	372	171	202	102	86	85	74	82	77	116	172	255	1,794
Maine.....	210	89	77	67	65	42	19	18	26	43	66	88	810
Maryland.....	556	326	269	175	158	93	62	59	69	126	127	207	2,227
Massachusetts ¹	552	391	253	178	155	67	45	40	60	118	120	223	2,202
Michigan.....	876	481	488	431	412	277	131	132	154	245	230	364	4,221
Minnesota.....	361	165	167	153	151	89	65	68	81	130	135	234	1,799
Mississippi.....	361	166	190	99	63	44	25	33	67	80	111	197	1,436
Montana.....	38	47	50	48	47	27	18	13	9	43	39	54	433
Nebraska.....	147	132	116	80	62	42	21	15	36	54	75	77	857
Nevada.....	19	11	20	11	9	10	5	4	5	5	16	12	127
New Hampshire.....	109	94	55	37	30	29	13	7	4	28	23	39	468
New Jersey.....	1,118	524	488	308	299	153	148	114	125	202	256	387	4,122
New Mexico.....	33	46	66	50	46	23	14	7	11	17	25	63	401
New York.....	3,640	2,082	1,700	1,319	1,103	785	483	544	526	945	888	1,418	15,433
North Carolina.....	462	400	325	274	202	142	97	95	96	147	188	396	2,824
North Dakota.....	94	51	33	30	34	23	16	25	17	38	34	36	431
Ohio.....	1,477	729	641	449	433	290	183	200	210	405	374	607	5,998
Oklahoma.....	695	403	384	312	133	81	66	61	76	96	148	260	2,715
Oregon.....	91	78	73	54	51	48	19	15	23	45	64	61	622
Pennsylvania.....	2,464	1,276	1,242	839	756	441	338	332	420	650	684	985	10,436
Rhode Island.....	222	153	120	70	59	24	22	17	27	48	50	60	872
South Carolina.....	217	178	201	138	122	82	67	71	86	109	115	256	1,642
South Dakota.....	86	42	50	36	41	20	22	28	15	16	17	57	430
Tennessee.....	548	296	283	155	123	76	64	90	108	140	205	305	2,393
Texas.....	1,886	873	704	389	262	162	114	163	158	206	387	584	5,888
Utah.....	45	41	69	74	40	22	14	18	10	16	25	37	411
Vermont.....	81	47	29	31	29	21	7	10	23	20	31	48	377
Virginia.....	353	282	262	159	149	81	68	71	76	127	183	265	2,076
Washington.....	136	139	96	82	77	52	42	38	51	77	71	100	961
West Virginia.....	316	212	202	123	97	47	36	43	57	86	106	137	1,462
Wisconsin.....	406	273	223	205	198	119	76	75	93	128	169	232	2,197
Wyoming.....	17	20	22	17	18	9	8	3	5	18	17	22	176

¹ Lobar pneumonia only.

Pneumonia (all forms)—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929

State	Population estimated, July 1, 1929	Cases reported, 1929	Cases per 1,000 inhabitants	Deaths registered, 1929	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	5,012	1.910	2,308	0.880	2
Arizona.....	428,000	.....	.....	682	1.592	.....
Arkansas.....	1,847,000	.....	.....	1,702	.922	.....
California.....	5,508,000	¹ 3,645	1.662	4,336	.787	.....
Colorado.....	1,028,000	.....	.....	1,241	1.207	.....
Connecticut.....	1,588,000	3,419	2.153	1,687	1.062	2
Delaware.....	237,000	315	1.328	312	1.315	1
District of Columbia.....	483,000	1,568	3.245	693	1.434	2
Florida.....	1,430,000	.....	.....	865	.605	.....
Georgia.....	2,902,000	.....	.....	2,236	.770	.....
Idaho.....	445,000	.....	.....	406	.913	.....
Illinois.....	7,526,000	15,017	1.995	6,235	.828	2
Indiana.....	3,204,000	.....	.....	3,283	1.025	.....
Iowa.....	2,463,000	.....	.....	1,596	.648	.....
Kansas.....	1,872,000	1,220	.652	1,088	.581	1
Kentucky.....	2,609,000	.....	.....	2,565	.983	.....
Louisiana.....	2,073,000	3,394	1.637	1,794	.865	2
Maine.....	798,000	1,443	1.809	810	1.015	2
Maryland.....	1,616,000	4,586	2.838	2,227	1.378	2
Massachusetts.....	4,224,000	¹ 5,287	¹ 1.252	¹ 2,202	¹ .521	¹ 2
Michigan.....	4,756,000	7,458	1.568	4,221	.887	2
Minnesota.....	2,553,000	2,036	.797	1,799	.705	1
Mississippi.....	1,992,000	14,916	7.488	1,436	.721	10
Missouri.....	3,605,000	947	.263	.....	.....	.....
Montana.....	537,000	.....	.....	433	.806	.....
Nebraska.....	1,373,000	.....	.....	857	.624	.....
Nevada.....	90,000	193	2.145	127	1.411	2
New Hampshire.....	464,000	.....	.....	468	1.009	.....
New Jersey.....	3,964,000	6,163	1.555	4,122	1.040	1
New Mexico.....	422,000	453	1.073	401	.949	1
New York.....	12,456,000	37,293	2.994	15,433	1.239	2
North Carolina.....	3,126,000	.....	.....	2,824	.903	.....
North Dakota.....	680,000	¹ 478	¹ 1.703	431	.634	.....
Ohio.....	6,575,000	7,056	1.073	5,998	.912	1
Oklahoma.....	2,365,000	3,274	1.384	2,715	1.148	1
Oregon.....	940,000	1,386	1.474	622	.661	2
Pennsylvania.....	9,573,000	.....	.....	10,436	1.090	.....
Rhode Island.....	681,000	.....	.....	872	1.280	.....
South Carolina.....	1,729,000	3,918	2.266	1,642	.950	2
South Dakota.....	687,000	.....	.....	430	.626	.....
Tennessee.....	2,589,000	2,636	1.018	2,393	.924	1
Texas.....	5,737,000	.....	.....	5,888	1.026	.....
Utah.....	499,000	965	1.935	411	.824	2
Vermont.....	359,000	.....	.....	377	1.051	.....
Virginia.....	2,411,000	.....	.....	2,076	.861	.....
Washington.....	1,547,000	965	.624	961	.621	1
West Virginia.....	1,706,000	.....	.....	1,462	.855	.....
Wisconsin.....	2,908,000	.....	.....	2,197	.755	.....
Wyoming.....	222,000	185	.832	176	.791	1

¹ Lobar pneumonia only.

Poliomyelitis (infantile paralysis)—Monthly estimated expectancy based on data which are available for the years 1922–1928, inclusive

State	Number of years included	January	February	March	April	May	June	July	August	September	October	November	December	Total
Alabama.....	7	1	1	2	2	4	3	5	4	3	3	2	2	32
Arizona.....	6				1	1	3	3	3	4	3	1	1	20
California.....	7	11	9	9	8	11	16	17	23	35	51	39	24	253
Colorado.....	5			1		1			3	3	2	2	1	13
Connecticut.....	7	1	1	1	1	1	1	5	14	14	17	5	2	63
Delaware.....	5							1	1	1				3
District of Columbia.....	7								1	3	7	2		13
Florida.....	7		1	1	1	1	2	3	2	2	2	2	1	18
Georgia.....	4	1	1		1	1	1	3	1	2	1	1	2	15
Idaho.....	6		1				1	1	3	3	6	4	2	21
Illinois.....	7	5	6	5	3	4	5	10	35	54	51	15	9	202
Indiana.....	6	3	2	1	1		1	2	7	11	21	12	4	65
Iowa.....	6	2	1	1	1	1	1	2	8	25	18	8	5	73
Kansas.....	7	2	1	2		1	1	3	14	22	13	3	3	65
Maine.....	7	4	1	1			1		4	3	4	3	3	24
Maryland.....	7	2	2	1	1	2	2	6	5	11	11	6	2	51
Massachusetts.....	7	9	4	5	5	4	5	21	54	63	48	23	12	253
Michigan.....	7	3	3	3	2	1	3	6	11	26	13	8	4	83
Minnesota.....	7	1	1	2	1	2	3	9	20	30	41	17	5	132
Mississippi.....	7	1	1	2	2	3	5	4	7	6	4	3	3	41
Missouri.....	7	1	1		1			2	3	9	9	4	3	33
Montana.....	7							3	15	7	3	4	2	34
Nebraska.....	7	1		1	1	1		1	6	12	10	6	2	41
Nevada.....	5	2				1	1		1		2			7
New Hampshire.....	7								2	4	3			9
New Jersey.....	7	3	2	3	3	4	3	12	30	21	14	11	5	111
New Mexico.....	7								2	1	1	1	1	6
New York.....	7	15	8	9	8	9	16	64	231	198	157	67	33	815
North Carolina.....	7	1	2	1	1	1	2	4	6	5	3	3	2	31
North Dakota.....	7	3	1	2	1				4	4	4	4	2	25
Ohio.....	7	4	4	2	2	2	4	13	36	35	43	9	6	160
Oregon.....	7	1	1	1						5	8	2	1	19
Pennsylvania.....	7	4	2	3	3	3	3	8	43	49	31	12	6	167
Rhode Island.....	7						1	2	2	6	3	2	1	17
South Carolina.....	3	11	6	3	2	7	2	3	5	7	6		10	62
Tennessee.....	4	2	2	1	1		3	3	10	11	7	4	3	47
Utah.....	5							1	2	3	2	1		9
Vermont.....	7							3	3	7	11	3		27
Virginia.....	7	3	4	3	4	4	5	17	18	10	12	7	3	90
Washington.....	7	2	2	1		1	1	3	10	30	26	11	3	90
West Virginia.....	6	2	1	1		1	2	4	22	21	18	8	3	83
Wisconsin.....	7	3	3	3	1	3	2	4	9	21	12	7	4	72
Wyoming.....	7					1			1	1	1	1		5

Poliomyelitis (infantile paralysis)—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....		4	3	4	2	8	5	6	15	6	3	2	58
Arizona.....		2	1				1	1	2	1			9
California.....	11	11	11	4	15	17	19	28	24	13	12	7	172
Colorado.....		2	3				1	1	2		1	3	13
Connecticut.....	1			1		2	1	5		4	2	2	18
Delaware.....		1	1			1	2		1	1		1	8
District of Columbia.....						2		1	1	2			6
Florida.....		1	3	13	6	1		4	1	1	2	1	33
Georgia.....							2	1	5	7	6	3	24
Idaho.....			1	3	2		1	2	5	1			15
Illinois.....	8	1	3	1	6	5	4	10	14	21	8	1	82
Indiana.....		1	2	2	1	1	1	2	7	1	4	3	25
Iowa.....	2	2	1	5	1	4	1	4	17	26	8	5	76
Kansas.....	2					2	5	4	6				26
Maine.....	2		1	1		1	1		3	3			12
Maryland.....	2	1			1		4	2	2	2	5	2	21
Massachusetts.....	4	3	2	3	8	4	4	11	21	31	19	9	119
Michigan.....	3	3	4	3	4	4	9	27	52	52	10	9	180
Minnesota.....	2	1		1	2		7	4	7	6	2	1	33
Mississippi.....	2	3	1	3	2	3	6	4	2		1	1	28
Missouri.....			3			3		5	3	2	3		19
Montana.....					1	1	1	2		1	1		7
Nebraska.....		2	1			1				1		3	9
Nevada.....		1									3	2	6
New Hampshire.....				2			1	1	2			2	8
New Jersey.....	5	1	3	1		4	5	10	14	9	4	3	59
New York.....	13	10	3	9	5	8	39	110	161	99	28	10	495
North Carolina.....		2	2	1	6	11	38	21	14	19	11	8	133
North Dakota.....		1	2	2	5	3		3		2	1		19
Ohio.....	4	1	5	10	3	5	6	35	33	40	26	12	180
Oregon.....		1	3	2	1	1	2	5	4	6	8	3	36
Pennsylvania.....	2	6	3	2	6	3	7	48	44	52	19	5	197
Rhode Island.....					1	1	1	2	3	3			11
South Carolina.....	4	5	2	3	7	5	7	10	6	15	7	7	78
Tennessee.....			1			8	21	44	20	16	8	5	123
Utah.....			2				1		3	2			8
Vermont.....		1				1	7	8	9	5	7		38
Virginia.....			1	1		3	53	95	81	66	19	6	325
Washington.....	1	2	5	1		1		1	3	7	4	6	31
West Virginia.....	2		2	2		4	8	17	17	9	7	3	71
Wisconsin.....	1	3	1	2	2	3	2	3	1	1	3		22
Wyoming.....			1	1	1		1						4

Poliomyelitis (infantile paralysis)—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona.....						1			1		1		3
Arkansas.....	1	3				1	4		3		1	2	15
California.....	1	3	3	3	7	3	3	7	7	3	4	2	46
Colorado.....	1	1	2				1				1	1	7
Connecticut.....						2	2	1			2	2	9
Delaware.....		1	1							1			3
District of Columbia.....						1	1	1		1			4
Florida.....	1	2	1	1	1		1		1			1	9
Idaho.....	4	1	4	2	1		1				1		14
Illinois.....	1		2		2	1	1	1	3	2	1	2	16
Indiana.....	2		1			2			1	2	1	2	11
Iowa.....	4		1	1		1	1	2	3	3	2	3	23
Kansas.....	1		1			2	1		2	2			10
Kentucky.....	2	3	1			1		4	4	2	3	1	21
Louisiana.....		1	2	2	1		1	1	1		1	2	12
Maine.....			2			1	2	1	1				7
Maryland.....								1			1	1	4
Massachusetts.....	1		2	2		1	1	2	1	5	4	2	21
Michigan.....	5	1	3	2	2	3	4	4	8	8	7	2	49
Minnesota.....		2					1	1	2				6
Mississippi.....		3	1	3		3	3				1	1	15
Missouri.....	3	2	2	1		1		2	2	2	2	1	18
Nebraska.....			1		1		1	1			2	2	8
Nevada.....										1		2	3
New Hampshire.....							1		2	1			4
New Jersey.....	1	1	2			2	2	1	1	4		1	15
New Mexico.....	3	1		2			2	1	1		1		11
North Carolina.....	1	1	4	3	2	1	2	3		1		1	19
North Dakota.....	2	1	1		1	1			1	1			8
Ohio.....	4		2	3	2	3	5	5	5	3	5	3	40
Oklahoma.....	5	3			2	1	2	5	3		3	3	27
Oregon.....			3			2	1		1	2	3	1	13
Pennsylvania.....	5	5	3		4	6	4	8	5	8	9	2	59
Rhode Island.....								1					1
South Carolina.....	1	1	1		2		1	1	1	1	1	1	11
South Dakota.....	2	2			3						1		8
Tennessee.....	3	1	1	4	2	3	4	4	2	4	3	1	32
Texas.....	6	2	2	1	7	2	3	6	4	3	4	3	43
Utah.....			2							2			4
Vermont.....							1		1			1	3
Virginia.....	1		3	2	1		5	10	3	5	4	2	36
Washington.....		5							3	2	1	4	15
West Virginia.....	2	1			1	2	1	3	3	1	1	1	16
Wisconsin.....		1			2	3	1		3	1	1	1	13
Wyoming.....			1				1						2

Poliomyelitis (infantile paralysis)—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929; estimated expectancy and indicated annual rates based on years 1922-1928

State	Population estimated, July 1, 1929	Estimated expectancy			1929				
		Number of years	Cases	Cases per 1,000 inhabitants	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	7	32	.013	58	.022	27	.010	2
Arizona.....	428,000	6	20	.051	9	.021	3	.007	3
Arkansas.....	1,847,000	4	26	.014	-----	-----	15	.008	-----
California.....	5,508,000	7	253	.055	172	.031	46	.008	4
Colorado.....	1,028,000	5	13	.013	13	.013	7	.007	2
Connecticut.....	1,588,000	7	63	.042	18	.011	9	.006	2
Delaware.....	237,000	5	3	.013	8	.034	3	.013	3
District of Columbia.....	483,000	7	13	.028	6	.012	4	.008	1
Florida.....	1,430,000	7	18	.015	33	.023	9	.006	4
Georgia.....	2,902,000	4	15	.005	24	.008	0	-----	-----
Idaho.....	445,000	6	21	.048	15	.034	14	.031	1
Illinois.....	7,526,000	7	202	.029	82	.011	16	.002	5
Indiana.....	3,204,000	6	65	.021	25	.008	11	.003	2
Iowa.....	2,463,000	6	73	.030	76	.031	23	.009	3
Kansas.....	1,872,000	7	65	.036	26	.014	10	.005	3
Kentucky.....	2,609,000	3	101	.040	-----	-----	21	.008	-----
Louisiana.....	2,073,000	7	30	.015	-----	-----	12	.006	-----
Maine.....	798,000	7	24	.031	12	.015	7	.009	2
Maryland.....	1,616,000	7	51	.033	21	.013	4	.002	5
Massachusetts.....	4,224,000	7	253	.062	119	.028	21	.005	6
Michigan.....	4,756,000	7	83	.019	180	.038	49	.010	4
Minnesota.....	2,553,000	7	132	.053	33	.013	6	.002	5
Mississippi.....	1,992,000	7	41	.021	28	.014	15	.007	2
Missouri.....	3,605,000	7	33	.009	19	.005	18	.005	1
Montana.....	537,000	7	34	.063	7	.013	0	-----	-----
Nebraska.....	1,373,000	7	41	.031	9	.007	8	.006	1
Nevada.....	90,000	5	7	.083	6	.067	3	.033	2
New Hampshire.....	464,000	7	9	.020	8	.017	4	.009	2
New Jersey.....	3,964,000	7	111	.031	59	.015	15	.004	4
New Mexico.....	422,000	7	6	.015	-----	-----	11	.026	-----
New York.....	12,456,000	7	815	.070	495	.040	102	.008	5
North Carolina.....	3,126,000	7	31	.011	133	.043	19	.006	7
North Dakota.....	680,000	7	25	.038	19	.028	8	.012	2
Ohio.....	6,575,000	7	160	.026	180	.027	40	.006	4
Oklahoma.....	2,365,000	4	67	.030	-----	-----	27	.011	-----
Oregon.....	940,000	7	19	.022	36	.038	13	.014	3
Pennsylvania.....	9,573,000	7	167	.018	197	.021	59	.006	3
Rhode Island.....	681,000	7	17	.026	11	.016	1	.001	11
South Carolina.....	1,729,000	3	62	.036	78	.045	11	.006	7
South Dakota.....	687,000	7	33	.050	-----	-----	8	.012	-----
Tennessee.....	2,589,000	4	47	.019	123	.047	32	.012	4
Texas.....	5,737,000	3	52	.010	-----	-----	43	.007	-----
Utah.....	499,000	5	9	.019	8	.016	4	.008	2
Vermont.....	359,000	7	27	.076	38	.106	3	.008	13
Virginia.....	2,411,000	7	90	.038	325	.135	36	.015	9
Washington.....	1,547,000	7	90	.061	31	.020	15	.010	2
West Virginia.....	1,709,000	6	83	.052	71	.041	16	.009	4
Wisconsin.....	2,908,000	7	72	.026	22	.008	13	.004	2
Wyoming.....	222,000	7	5	.024	4	.018	2	.009	2

Rabies in animals—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
California.....	68	70	75	85	75	51	77	36	61	70	60	59	787
Connecticut.....	4	7	4	7	3	4	3	3	3	-----	1	5	44
Delaware.....	1	-----	-----	2	1	-----	1	-----	-----	-----	-----	-----	5
District of Columbia.....	1	5	7	4	7	4	13	7	1	3	3	-----	55
Illinois.....	11	7	1	18	15	12	8	7	11	14	7	-----	111
Kansas.....	7	15	18	8	31	14	17	11	9	7	3	3	143
Louisiana.....	-----	-----	-----	-----	-----	-----	-----	3	6	4	5	3	21
Maryland.....	2	7	6	5	13	6	4	5	6	3	5	6	68
Massachusetts.....	49	46	70	55	73	31	50	55	55	39	50	64	637
Minnesota.....	1	1	-----	-----	-----	-----	-----	1	-----	-----	-----	1	4
Mississippi.....	8	6	12	8	7	2	6	5	7	6	-----	4	71
Missouri.....	4	14	12	1	13	17	10	8	9	8	10	11	117
New Mexico.....	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	1
New York ¹	21	21	20	39	40	20	11	9	3	7	11	5	207
Oregon.....	1	1	3	2	-----	-----	-----	-----	-----	-----	-----	1	8
Rhode Island.....	6	13	15	9	13	11	5	10	2	7	10	6	107
South Carolina.....	23	14	34	31	28	13	16	21	10	8	15	8	221
Washington.....	-----	-----	1	2	-----	-----	-----	-----	-----	1	-----	-----	4

¹ Exclusive of New York City.*Rabies in man—Deaths registered, 1929*

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
California.....	-----	-----	1	-----	-----	-----	1	-----	-----	-----	-----	-----	2
Colorado.....	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	1
Florida.....	-----	-----	-----	-----	1	-----	-----	1	-----	-----	-----	-----	2
Illinois.....	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	1
Iowa.....	-----	-----	-----	-----	-----	-----	-----	1	-----	1	-----	1	3
Kansas.....	1	-----	1	-----	-----	-----	-----	1	1	-----	-----	-----	4
Kentucky.....	-----	-----	-----	-----	-----	1	1	-----	-----	-----	1	-----	3
Louisiana.....	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	1
Maryland.....	-----	-----	-----	-----	-----	1	-----	-----	1	-----	1	-----	1
Massachusetts.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2
Michigan.....	-----	-----	1	1	-----	1	1	-----	-----	1	-----	-----	5
Mississippi.....	-----	-----	1	1	-----	-----	1	1	1	1	-----	1	7
Missouri.....	-----	-----	-----	-----	-----	1	-----	-----	-----	1	-----	-----	2
Nebraska.....	-----	-----	-----	-----	-----	-----	-----	1	1	-----	-----	-----	1
New York.....	-----	-----	-----	-----	-----	-----	-----	1	-----	-----	1	-----	2
North Carolina.....	1	-----	-----	-----	-----	2	-----	-----	1	-----	-----	-----	4
Ohio.....	-----	-----	-----	1	-----	-----	-----	-----	-----	1	1	2	5
Oklahoma.....	-----	-----	-----	1	1	1	-----	-----	-----	-----	-----	-----	4
Pennsylvania.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15
South Carolina.....	-----	-----	1	1	-----	-----	-----	-----	-----	-----	-----	-----	2
Tennessee.....	-----	-----	-----	-----	-----	-----	1	-----	1	1	1	-----	4
Texas.....	-----	-----	1	-----	2	-----	-----	-----	-----	1	-----	1	5
Virginia.....	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	1
West Virginia.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	1
Wisconsin.....	1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2

¹ Report not tabulated by months.*Rocky Mountain spotted (or tick) fever—Cases reported, 1929*

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
California.....	-----	-----	-----	-----	4	4	5	-----	-----	-----	-----	-----	13
Colorado.....	-----	-----	-----	1	5	5	1	1	-----	-----	-----	-----	13
Idaho.....	-----	-----	-----	3	11	36	2	2	-----	1	-----	-----	55
Montana.....	-----	-----	-----	6	5	3	4	2	-----	-----	-----	-----	20
Nevada.....	-----	-----	-----	4	14	7	4	-----	-----	1	-----	-----	30
New Mexico.....	-----	-----	-----	-----	-----	1	1	-----	-----	-----	-----	-----	2
Oklahoma.....	-----	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	-----	1
Oregon.....	-----	-----	1	16	32	19	5	1	-----	-----	-----	-----	74
Utah.....	-----	-----	-----	-----	1	6	4	-----	-----	-----	-----	-----	11
Washington.....	-----	-----	-----	-----	3	-----	-----	1	-----	1	-----	-----	5
Wyoming.....	-----	-----	-----	4	21	24	12	5	-----	-----	-----	-----	66

Rocky Mountain spotted (or tick) fever—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Colorado.....					2	5	1						8
Idaho.....		1		2	3	5	3	3					17
Montana.....			1		4	2	1						8
Nevada.....				1	6	1							8
Oregon.....				5	7	2	1						15
Wyoming.....				1	7	8	2						18

Scarlet fever—Monthly estimated expectancy based on data which are available for the years 1922-1928, inclusive

State	Number of years included	January	February	March	April	May	June	July	August	September	October	November	December	Total
Alabama.....	7	98	61	66	41	30	23	32	59	91	130	115	86	832
Arizona.....	7	29	25	34	42	37	30	9	8	13	25	39	39	330
Arkansas.....	7	36	40	30	19	15	15	9	10	26	48	64	51	363
California.....	7	755	791	801	619	719	517	268	214	250	513	794	737	6,978
Colorado.....	6	279	218	256	189	184	83	64	44	56	119	193	231	1,916
Connecticut.....	7	459	390	452	391	362	230	85	66	89	139	229	302	3,194
Delaware.....	7	61	39	42	39	37	17	8	6	8	28	17	21	323
District of Columbia.....	7	130	103	125	106	132	65	23	17	26	59	74	90	950
Florida.....	7	21	22	35	33	16	10	10	9	5	12	24	41	238
Georgia.....	7	54	37	60	36	31	22	25	23	37	59	74	48	506
Idaho.....	7	69	55	38	29	22	12	14	14	18	49	55	45	420
Illinois.....	7	1,567	1,584	1,626	1,148	1,043	806	383	261	396	816	1,124	1,314	12,068
Indiana.....	7	537	577	720	432	383	231	118	103	155	429	481	469	4,635
Iowa.....	7	310	339	287	207	133	114	69	48	73	177	227	314	2,298
Kansas.....	7	601	483	346	290	218	122	100	109	211	394	443	449	3,766
Kentucky.....	5	189	177	125	121	96	57	32	49	71	119	149	102	1,287
Louisiana.....	7	51	49	41	41	38	15	18	17	20	34	58	60	445
Maine.....	7	160	116	158	129	127	81	50	58	69	105	139	151	1,343
Maryland.....	7	397	343	366	286	267	159	78	39	64	169	223	301	2,692
Massachusetts.....	7	1,508	1,400	1,458	1,148	1,049	911	381	237	314	677	937	1,217	11,237
Michigan.....	7	1,435	1,424	1,639	1,356	1,130	928	435	313	353	669	962	1,227	11,871
Minnesota.....	7	1,246	1,018	1,112	824	765	477	336	296	416	708	862	1,068	9,128
Mississippi.....	7	65	33	28	27	29	15	25	39	63	88	88	76	579
Missouri.....	7	502	580	628	508	409	318	127	113	184	428	512	508	4,817
Montana.....	7	147	122	107	88	102	39	41	30	35	65	119	137	1,032
Nebraska.....	7	256	203	203	139	108	56	33	39	60	168	148	201	1,614
Nevada.....	4	9	4	5	13	13	4	2	2	7	8	13	5	85
New Hampshire.....	7	66	60	61	65	57	43	13	15	21	34	66	70	571
New Jersey.....	7	993	1,196	1,309	995	960	516	190	116	157	329	524	723	8,008
New Mexico.....	7	71	56	49	33	44	22	6	8	17	39	42	43	430
New York.....	7	2,763	2,859	3,131	2,898	2,398	1,540	686	354	443	728	1,265	2,016	21,081
North Carolina.....	7	249	176	126	97	80	76	64	108	247	535	460	295	2,513
North Dakota.....	7	225	236	292	136	120	81	83	62	77	134	193	215	1,854
Ohio.....	7	1,692	1,713	1,742	1,419	1,279	750	374	299	437	929	1,394	1,620	13,648
Oklahoma.....	7	155	157	175	149	101	43	21	29	54	94	142	166	1,286
Oregon.....	7	102	115	97	103	86	52	34	35	57	104	131	151	1,067
Pennsylvania.....	7	2,348	2,396	2,464	1,938	1,788	1,052	517	378	637	1,174	1,856	2,063	18,611
Rhode Island.....	7	100	114	118	106	77	37	28	16	22	47	90	101	856
South Carolina.....	6	42	23	23	18	22	13	15	18	37	69	70	52	402
South Dakota.....	7	294	277	274	199	148	78	58	53	108	150	191	205	2,035
Tennessee.....	7	95	152	116	116	74	39	34	46	128	196	168	192	1,356
Texas.....	7	157	171	88	101	75	62	40	37	51	81	138	202	1,203
Utah.....	5	136	68	79	77	45	49	20	30	31	98	94	113	840
Vermont.....	7	80	78	61	65	55	33	20	16	36	33	90	83	650
Virginia.....	7	354	239	214	156	117	71	78	101	197	368	428	384	2,707
Washington.....	7	303	239	215	190	151	112	75	55	98	178	210	222	2,048
West Virginia.....	7	242	145	158	135	137	88	64	84	144	340	278	244	2,059
Wisconsin.....	7	817	803	764	796	589	422	275	171	213	376	606	740	6,572
Wyoming.....	7	53	41	29	34	44	23	18	11	19	42	61	35	410

Scarlet fever—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	126	107	70	61	38	49	55	102	155	257	295	130	1,445
Arizona.....	31	31	27	37	23	16	6	4	10	30	44	36	295
Arkansas.....	97	107	66	43	59	39	16	27	33	114	133	112	846
California.....	1,603	1,722	1,988	1,949	2,120	1,278	512	266	302	768	1,071	1,266	14,845
Colorado.....	92	130	140	194	96	67	21	18	35	68	96	130	1,087
Connecticut.....	245	207	279	258	247	144	61	47	47	118	200	321	2,174
Delaware.....	17	20	33	14	18	10	4	2	3	16	13	24	174
District of Columbia.....	79	96	110	65	67	37	34	15	22	36	53	75	689
Florida.....	49	47	39	17	26	10	16	11	14	33	47	42	351
Georgia.....	87	59	68	54	49	37	31	70	100	158	228	98	1,069
Idaho.....	108	39	60	60	40	29	7	17	35	46	74	118	633
Illinois.....	1,578	1,792	2,218	1,857	1,707	1,059	541	346	590	1,262	2,015	2,333	17,298
Indiana.....	535	861	1,456	819	1,090	564	160	190	132	240	557	521	7,125
Iowa.....	544	676	865	583	499	186	94	53	86	221	209	299	4,315
Kansas.....	498	716	825	575	453	174	109	71	191	341	378	538	4,869
Kentucky.....	346	321	333	507	772	302	74	99	117	255	291	232	3,649
Louisiana.....	102	161	238	204	167	63	43	23	57	98	84	77	1,317
Maine.....	105	108	234	123	111	100	35	42	69	125	161	173	1,386
Maryland.....	317	279	325	229	526	327	118	87	99	222	258	320	3,107
Massachusetts.....	1,232	1,057	1,373	1,198	1,005	648	303	199	278	631	874	1,177	9,975
Michigan.....	1,200	1,469	1,981	2,200	2,038	1,339	550	318	319	702	987	1,142	14,245
Minnesota.....	562	683	625	531	437	256	135	126	235	358	450	561	4,959
Mississippi.....	70	67	59	41	22	38	24	61	109	161	137	145	934
Missouri.....	353	428	574	395	290	213	75	91	134	282	545	420	3,800
Montana.....	154	136	113	93	67	42	31	31	47	87	165	173	1,139
Nebraska.....	418	555	510	482	551	123	60	36	46	89	144	219	3,233
Nevada.....	99	42	21	54	28	6	3	26	1	8	3	12	303
New Hampshire.....	93	39	105	46	59	59	13	10	24	68	107	76	699
New Jersey.....	649	615	811	756	636	310	155	100	132	293	559	735	5,751
New Mexico.....	45	43	83	64	22	18	20	7	15	21	40	46	424
New York.....	2,108	1,971	2,656	2,403	2,112	1,015	412	231	280	576	1,101	1,527	16,392
North Carolina.....	231	202	152	120	115	59	97	199	409	602	508	363	3,057
North Dakota.....	164	160	262	150	109	82	16	40	30	65	96	147	1,321
Ohio.....	1,100	1,224	1,439	1,175	967	530	360	192	443	831	1,075	1,235	10,571
Oklahoma.....	143	131	194	142	87	64	34	69	105	160	295	195	1,619
Oregon.....	113	186	249	114	73	49	16	22	22	62	173	172	1,251
Pennsylvania.....	2,006	1,737	2,116	1,689	1,685	952	444	306	405	987	1,411	1,549	15,287
Rhode Island.....	199	147	136	91	90	29	22	16	11	48	76	72	937
South Carolina.....	58	42	74	38	31	23	32	53	79	128	160	108	826
South Dakota.....	195	147	125	82	79	32	20	27	31	47	79	131	995
Tennessee.....	163	256	294	161	150	69	37	70	157	288	346	156	2,147
Texas.....	227	251	340	250	232	205	59	80	75	124	192	283	2,318
Utah.....	151	100	219	150	99	62	38	39	77	108	152	174	1,399
Vermont.....	48	42	74	56	61	27	13	14	15	23	100	78	551
Virginia.....	242	203	148	115	119	77	77	115	196	457	434	377	2,560
Washington.....	141	158	134	179	133	57	38	37	102	175	196	242	1,592
West Virginia.....	158	109	137	68	56	59	50	91	146	218	390	225	1,707
Wisconsin.....	604	839	833	612	745	383	179	127	180	326	399	416	5,643
Wyoming.....	54	58	66	67	28	11	17	5	10	13	14	22	355

Scarlet fever—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona.....		2			1						1	1	5
Arkansas.....	4	3	3	4		2	1	2	3	1	1	1	25
California.....	7	9	13	14	17	11	3	2	3	3	5	10	97
Colorado.....	1	1	2		2		2	1	3		1		14
Connecticut.....	3		4	1	1	1	2	2		1			15
Delaware.....	1	1										2	4
District of Columbia.....	2		1	2	2	1	1	1					11
Florida.....	1			1			2						4
Georgia.....	4	5		3	2			4	6	4	4	7	39
Idaho.....		2	1	1									4
Illinois.....	33	31	35	37	32	23	24	4	5	20	22	38	304
Indiana.....	17	16	13	10	12	9	4	5	2	4	5	9	106
Iowa.....	5	8	6	7	4	3	3	3	3	4	6	4	56
Kansas.....	9	7	10	9	4	4				2	10	6	61
Kentucky.....	11	13	12	10	1	3	3	3	4	7	13	10	90
Louisiana.....			2	1	3			1		3	1	1	12
Maine.....	2	2	3	2	1					1			11
Maryland.....	4	4	6	5	3	2	2		1	3	3	4	37
Massachusetts.....	9	16	13	12	9	3	2	2		2	3	2	71
Michigan.....	17	19	21	29	13	10	6	2	3	6	10	9	145
Minnesota.....	14	4	10	6	5	1	3	4	3	3	5	9	67
Mississippi.....	1										2	4	8
Missouri.....	12	10	16	12	7	3	2	3	3	10	4	8	90
Montana.....	1	4	4	1	1	1		1	2		1		16
Nebraska.....	8	9	7	11	8	2	2		2	1	1	2	53
Nevada.....	1												1
New Hampshire.....	2	1					1	1		1	1		7
New Jersey.....	6	3		7	6	6	1		3	2	4	3	45
New Mexico.....	2	1	2	3	4		2	2			1		17
New York.....	34	20	27	24	21	9	5	2	5	7	8	18	180
North Carolina.....	6	4	3	7	6	1	3	2		4	12	4	52
North Dakota.....		3	3	2	2	2		1			1	1	15
Ohio.....	20	15	15	18	15	8	5	6	6	9	15	20	152
Oklahoma.....	4	6	6	2	2	4	3	3		4	2	5	41
Oregon.....	3	3	2	2	1	1	2				1	3	18
Pennsylvania.....	40	26	25	27	26	17	13	8	11	9	12	24	238
Rhode Island.....	2	1	2	2		2	1	3			6	1	11
South Carolina.....	2					1	2		1				15
South Dakota.....	1	3	3		4	3		1		1		2	18
Tennessee.....	3	10	6	6	5		2	1	3	6	8	10	60
Texas.....	8	6	16	1	5	3	1	4	4	4	6	8	66
Utah.....	1	1	2	2		2	2	1		1	1		12
Vermont.....	1					1	1	1					6
Virginia.....	7	3	4		1	1		2	2	8	5	12	45
Washington.....			1	1	1		1			1	1	3	9
West Virginia.....	4	2	2			2	1	3	1	1	6	4	26
Wisconsin.....	6	10	9	13	1	7	5	3	2	6	1	11	74
Wyoming.....	1	2	1	1	1				1				7

Scarlet fever—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929; estimated expectancy and indicated annual rates based on years 1922-1928

State	Population estimated, July 1, 1929	Estimated expectancy			1929				
		Number of years	Cases	Cases per 1,000 inhabitants	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	7	832	0.332	1,445	0.551	37	0.014	39
Arizona.....	428,000	7	330	.849	295	.689	5	.012	59
Arkansas.....	1,847,000	7	363	.201	846	.458	25	.013	34
California.....	5,508,000	7	6,978	1.507	14,845	2.695	97	.018	153
Colorado.....	1,028,000	6	1,916	1.934	1,087	1.057	14	.014	78
Connecticut.....	1,588,000	7	3,194	2.128	2,174	1.369	15	.009	145
Delaware.....	237,000	7	323	1.397	174	.733	4	.017	43
District of Columbia.....	483,000	7	950	2.047	689	1.426	11	.023	63
Florida.....	1,430,000	7	238	.193	351	.245	4	.003	88
Georgia.....	2,902,000	7	506	.175	1,069	.368	39	.013	27
Idaho.....	445,000	7	420	.956	633	1.423	4	.009	158
Illinois.....	7,526,000	7	12,068	1.703	17,298	2.299	304	.040	57
Indiana.....	3,204,000	7	4,635	1.501	7,125	2.224	106	.033	67
Iowa.....	2,463,000	7	2,298	.942	4,315	1.752	56	.023	77
Kansas.....	1,872,000	7	3,766	2.059	4,869	2.601	61	.033	80
Kentucky.....	2,609,000	5	1,287	.509	3,649	1.399	90	.034	41
Louisiana.....	2,073,000	7	445	.227	1,317	.635	12	.006	110
Maine.....	798,000	7	1,343	1.710	1,386	1.737	11	.014	126
Maryland.....	1,616,000	7	2,692	1.741	3,107	1.922	37	.023	84
Massachusetts.....	4,224,000	7	11,237	2.763	9,975	2.361	71	.017	140
Michigan.....	4,756,000	7	11,871	2.762	14,245	2.995	145	.030	98
Minnesota.....	2,553,000	7	9,128	3.676	4,959	1.942	67	.026	74
Mississippi.....	1,992,000	7	579	.304	934	.469	8	.004	117
Missouri.....	3,605,000	7	4,817	1.368	3,890	1.064	90	.025	42
Montana.....	537,000	7	1,032	1.904	1,139	2.120	16	.030	71
Nebraska.....	1,373,000	7	1,614	1.204	3,233	2.355	53	.039	61
Nevada.....	90,000	4	85	1.004	303	3.367	1	.011	303
New Hampshire.....	464,000	7	571	1.255	699	1.507	7	.015	100
New Jersey.....	3,964,000	7	8,008	2.210	5,751	1.451	45	.011	128
New Mexico.....	422,000	7	430	1.085	424	1.004	17	.040	25
New York.....	12,456,000	7	21,081	1.820	16,392	1.316	180	.014	91
North Carolina.....	3,126,000	7	2,513	.870	3,057	.978	52	.017	59
North Dakota.....	680,000	7	1,854	2.784	1,321	1.943	15	.022	88
Ohio.....	6,575,000	7	13,648	2.190	10,571	1.608	152	.023	70
Oklahoma.....	2,365,000	7	1,286	.578	1,619	.684	41	.017	39
Oregon.....	940,000	7	1,067	1.220	1,251	1.330	18	.019	69
Pennsylvania.....	9,573,000	7	18,611	2.020	15,287	1.597	238	.025	64
Rhode Island.....	681,000	7	856	1.319	937	1.376	11	.016	85
South Carolina.....	1,729,000	6	402	.235	826	.478	15	.009	55
South Dakota.....	687,000	7	2,035	3.057	995	1.449	18	.026	55
Tennessee.....	2,589,000	7	1,356	.546	2,147	.829	60	.023	36
Texas.....	5,737,000	7	1,203	.228	2,318	.404	66	.011	35
Utah.....	499,000	5	840	1.758	1,369	2.745	12	.024	114
Vermont.....	359,000	7	650	1.826	551	1.536	6	.017	92
Virginia.....	2,411,000	7	2,707	1.143	2,560	1.062	45	.019	57
Washington.....	1,547,000	7	2,048	1.396	1,592	1.029	9	.006	177
West Virginia.....	709,000	7	2,059	1.282	1,707	.999	26	.015	66
Wisconsin.....	2,908,000	7	6,572	2.354	5,643	1.940	74	.025	76
Wyoming.....	222,000	7	410	1.947	355	1.596	7	.031	51

Septic sore throat—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929

State	Population estimated, July 1, 1929	Cases reported, 1929	Cases per 1,000 inhabitants	Deaths registered, 1929	Deaths per 1,000 inhabitants	Cases reported for each death registered
Arizona.....	428,000			9	0.021	
Colorado.....	1,028,000	15	0.015	0		
Connecticut.....	1,588,000	91	.057	15	.009	6
Delaware.....	237,000	5	.021	5	.021	1
District of Columbia.....	483,000			11	.023	
Florida.....	1,430,000			52	.036	
Georgia.....	2,902,000	386	.133	0		
Idaho.....	445,000	3	.007	0		
Illinois.....	7,526,000	122	.016	67	.009	2
Indiana.....	3,204,000			141	.044	
Iowa.....	2,463,000			79	.032	
Kansas.....	1,872,000			65	.035	
Kentucky.....	2,609,000	46	.018	24	.009	2
Louisiana.....	2,073,000	19	.009	15	.007	1
Maine.....	798,000	29	.036	8	.010	4
Maryland.....	1,616,000	103	.064	12	.007	9
Massachusetts.....	4,224,000	271	.064	52	.012	5
Michigan.....	4,756,000			274	.058	
Missouri.....	3,605,000	258	.072	0		
Montana.....	537,000	23	.043	3	.006	8
Nebraska.....	1,373,000	137	.100	0		
Nevada.....	90,000	2	.022	2	.022	1
New Hampshire.....	464,000	7	.015			
New Mexico.....	422,000	20	.047	6	.014	3
New York.....	12,456,000	382	.031	184	.015	2
North Carolina.....	3,126,000	141	.045	23	.007	6
Ohio.....	6,575,000	718	.109	254	.039	3
Oklahoma.....	2,365,000	294	.124	48	.020	6
Oregon.....	940,000	80	.085	6	.006	13
Rhode Island.....	681,000	26	.038	25	.037	1
South Carolina.....	1,729,000	5	.003	0		
South Dakota.....	687,000	2	.003	0		
Tennessee.....	2,589,000	29	.011	0		
Texas.....	5,737,000			114	.020	
Utah.....	499,000	6	.012	6	.012	1
Vermont.....	359,000	29	.081	6	.017	5
Washington.....	1,547,000	11	.007	0		
West Virginia.....	1,709,000			61	.036	
Wisconsin.....	2,808,000			2	.001	
Wyoming.....	222,000	7	.031	0		

Smallpox—Monthly estimated expectancy based on data which are available for the years 1922-1928, inclusive

State	Number of years included	January	February	March	April	May	June	July	August	September	October	November	December	Total
Alabama.....	7	106	173	150	175	101	97	66	11	11	8	17	49	964
Arizona.....	7	9	16	6	5	10	4	3	1	1	1	2	2	57
Arkansas.....	7	32	24	31	30	35	18	11	7	3	8	12	12	214
California.....	7	444	374	253	174	166	103	93	113	39	101	95	87	2,042
Colorado.....	6	57	39	26	21	22	7	6	4	11	36	44	38	311
Connecticut.....	7	2	7	4	2	2	3					2		22
Delaware.....	7		1		1			1						3
Florida.....	7	34	38	52	29	21	20	14	7	3	1	8	20	247
Georgia.....	7	56	73	99	88	110	68	28	12	5	15	12	23	589
Idaho.....	7	66	37	47	52	52	37	24	16	16	13	36	32	428
Illinois.....	7	177	206	212	122	150	115	88	31	26	39	76	133	1,375
Indiana.....	7	471	419	441	445	367	266	118	76	26	53	153	232	3,067
Iowa.....	7	158	87	116	71	110	91	22	14	13	29	43	90	844
Kansas.....	7	121	183	95	78	80	48	29	11	7	15	37	52	756
Kentucky.....	5	83	72	66	78	43	20	34	25	9	12	23	33	498
Louisiana.....	7	70	100	122	84	79	30	13	7	9	11	27	43	595
Maine.....	7			1	1							1		2
Maryland.....	7	1	1	2	2		3	1						10
Massachusetts.....	7	1		1	1	1		1				1	1	6
Michigan.....	7	169	139	143	128	104	117	87	49	39	39	90	107	1,211
Minnesota.....	7	244	204	118	73	81	28	23	11	8	24	23	31	868
Mississippi.....	7	129	102	49	106	32	17	18	10	8	18	30	78	597
Missouri.....	7	81	79	95	61	88	45	33	9	9	12	37	59	608
Montana.....	7	97	62	83	53	34	25	21	12	20	42	75	65	589
Nebraska.....	7	87	99	92	99	46	38	29	10	5	10	33	78	626
Nevada.....	4	9	16	4	6	2	1	2	1	1	1	7	2	52
New Hampshire.....	7	1		1	1	1	1	1					1	7
New Jersey.....	7	4	1	5	1	2	2	2				1		18
New Mexico.....	7	3	7	9	8	9	1	1					1	39
New York.....	7	44	42	37	13	25	35	28	10	7	17	22	50	330
North Carolina.....	7	311	329	306	342	253	160	58	57	37	41	90	152	2,136
North Dakota.....	7	48	34	36	35	20	15	13	13	8	17	34	50	323
Ohio.....	7	359	308	310	300	250	197	94	37	40	50	137	190	2,272
Oklahoma.....	7	131	166	190	163	114	90	30	5	10	25	35	59	1,018
Oregon.....	7	176	130	117	107	76	70	58	37	33	79	80	94	1,057
Pennsylvania.....	7	4	7	7	13	16	7	11	1		2	2	3	72
South Carolina.....	6	59	56	92	64	35	39	17	16	8	14	70	49	519
South Dakota.....	7	45	32	47	42	17	25	15	5	13	24	32	42	339
Tennessee.....	7	98	102	123	132	144	62	41	14	12	16	19	32	795
Texas.....	7	157	271	244	249	242	115	55	39	13	13	17	83	1,498
Utah.....	5	40	29	22	14	38	8	15	2	9	17	31	39	264
Vermont.....	7	1	1	1	1		1	1	1		1	1	1	10
Virginia.....	7	37	41	59	45	62	43	25	10	4	6	13	15	360
Washington.....	7	262	262	233	196	170	113	87	61	53	71	104	187	1,799
West Virginia.....	7	35	54	104	76	47	54	33	13	9	7	18	32	482
Wisconsin.....	7	130	109	119	112	147	102	79	37	31	52	68	110	1,096
Wyoming.....	7	6	4		2	2	4	2		2	2	12	10	52

Smallpox—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	56	21	42	24	7	1	1	1	---	6	208	11	378
Arizona.....	32	21	74	50	31	15	14	2	5	7	2	28	281
Arkansas.....	6	18	69	17	8	9	12	13	---	4	16	41	213
California.....	227	361	275	323	313	123	123	83	88	121	179	253	2,469
Colorado.....	99	137	86	74	75	67	49	20	37	33	113	105	895
Connecticut.....	---	2	21	6	23	---	---	---	---	---	---	---	52
Delaware.....	---	---	---	---	---	2	---	---	---	---	---	---	2
Florida.....	7	4	6	4	---	---	---	---	---	1	2	12	36
Georgia.....	34	25	57	20	11	3	3	---	9	1	---	2	165
Idaho.....	234	141	126	145	48	69	34	40	41	25	65	138	1,106
Illinois.....	472	486	515	355	437	305	213	58	64	339	487	520	4,251
Indiana.....	243	226	380	205	322	382	166	114	61	86	630	653	3,468
Iowa.....	113	176	191	180	182	129	135	25	31	100	211	440	1,913
Kansas.....	186	237	263	279	269	207	64	29	24	52	164	176	1,950
Kentucky.....	58	56	124	65	81	59	20	13	8	28	33	53	598
Louisiana.....	31	25	27	22	44	15	1	---	4	---	4	4	177
Maine.....	1	21	35	13	1	1	---	---	---	---	---	---	72
Maryland.....	7	---	1	---	---	---	---	---	---	---	---	---	8
Massachusetts.....	14	---	7	7	238	6	1	---	---	---	---	---	273
Michigan.....	104	147	249	276	215	259	268	114	79	159	282	258	2,410
Minnesota.....	7	13	9	14	19	18	10	9	16	17	14	75	221
Mississippi.....	6	6	3	5	7	2	2	1	---	1	1	3	37
Missouri.....	160	198	229	164	136	154	46	20	48	48	99	146	1,448
Montana.....	64	66	26	89	40	28	14	11	30	38	73	68	547
Nebraska.....	209	278	256	164	321	127	57	26	21	32	116	195	1,802
Nevada.....	1	---	49	7	7	10	7	16	---	---	---	---	97
New Hampshire.....	---	2	7	6	1	2	---	---	4	---	---	---	22
New Jersey.....	1	---	---	---	---	---	---	---	---	---	---	---	1
New Mexico.....	6	5	6	5	11	14	3	7	7	6	4	8	82
New York.....	2	---	20	5	11	3	1	16	7	72	119	35	291
North Carolina.....	96	66	114	85	44	24	35	14	20	28	15	48	589
North Dakota.....	8	4	15	55	44	48	13	13	10	30	59	56	355
Ohio.....	158	178	210	234	311	285	164	106	80	187	557	753	3,223
Oklahoma.....	169	185	432	351	194	223	54	16	7	48	92	262	2,033
Oregon.....	205	188	185	132	116	95	72	40	23	36	39	56	1,187
Pennsylvania.....	---	1	6	---	---	---	3	6	3	10	10	16	55
South Carolina.....	11	25	9	22	17	20	10	3	1	---	4	7	129
South Dakota.....	183	113	68	179	164	139	99	28	39	145	232	189	1,578
Tennessee.....	6	10	9	25	86	43	13	7	5	11	40	43	298
Texas.....	156	325	494	414	365	361	44	48	58	26	41	125	2,457
Utah.....	46	41	74	115	62	102	45	14	24	12	22	20	577
Vermont.....	10	13	26	29	27	4	7	18	1	43	16	22	216
Virginia.....	6	22	16	30	2	26	10	6	4	168	113	27	430
Washington.....	256	192	228	219	214	125	124	71	56	119	250	358	2,212
West Virginia.....	36	73	69	54	61	74	25	5	20	19	72	65	573
Wisconsin.....	64	51	24	22	80	58	42	36	24	63	119	175	758
Wyoming.....	18	8	11	44	61	45	40	3	9	4	54	50	347

Smallpox—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona.....	---	---	---	1	---	---	---	---	---	---	---	---	1
California.....	---	---	1	2	3	1	---	---	2	---	---	1	10
Colorado.....	---	1	2	2	---	---	---	---	---	---	---	---	5
Georgia.....	---	---	---	---	---	1	1	---	---	---	---	---	2
Idaho.....	---	---	2	---	---	---	---	---	---	---	---	---	2
Illinois.....	2	2	5	---	1	---	---	2	1	1	1	2	17
Indiana.....	---	2	3	3	3	1	---	---	---	1	---	1	14
Iowa.....	---	---	---	---	---	2	---	---	---	---	1	2	5
Kansas.....	---	---	---	2	---	---	---	---	---	---	---	---	2
Kentucky.....	1	---	---	1	2	---	---	---	2	---	1	---	7
Maine.....	---	1	---	---	---	---	---	---	---	---	---	---	1
Massachusetts.....	---	---	1	---	---	---	---	---	---	---	---	---	1
Michigan.....	---	---	2	1	---	2	---	---	---	1	1	1	9
Missouri.....	---	1	---	---	2	---	---	1	---	---	1	---	6
Montana.....	---	1	---	---	---	---	---	---	---	---	---	---	1
Nebraska.....	1	1	---	1	1	1	---	---	---	---	1	1	7
North Carolina.....	---	---	---	---	---	---	---	---	---	---	---	1	1
North Dakota.....	---	1	---	---	---	---	---	---	---	---	---	---	1
Ohio.....	---	1	---	1	---	---	---	---	---	---	---	---	2
Oklahoma.....	1	---	---	1	5	---	1	---	---	---	---	---	8

Smallpox—Deaths registered, 1929—Continued

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Oregon.....			1		1					1			3
Pennsylvania.....												1	1
South Dakota.....							1	1					2
Tennessee.....							1						2
Texas.....		2	3	4		2		2	6	1	3	3	26
Utah.....						1							1
Virginia.....										1			1
Washington.....		1	1	1						1	1		5
West Virginia.....		1											1
Wyoming.....	1												1

Smallpox—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929; estimated expectancy and indicated annual rates based on years 1922-1928

State	Population estimated, July 1, 1929	Estimated expectancy			1929				
		Number of years	Cases	Cases per 1,000 inhabitants	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	7	964	0.384	378	0.144	0		
Arizona.....	428,000	7	57	.147	281	.656	1	0.002	281
Arkansas.....	1,847,000	7	214	.118	213	.115	0		
California.....	5,508,000	7	2,042	.441	2,469	.448	10	.002	247
Colorado.....	1,028,000	6	311	.314	895	.871	5	.005	179
Connecticut.....	1,588,000	7	22	.015	52	.033	0		
Delaware.....	237,000	7	3	.013	2	.008	0		
District of Columbia.....	453,000	7	24	.052	0		0		
Florida.....	1,430,000	7	247	.200	36	.025	0		
Georgia.....	2,902,000	7	589	.203	165	.057	2	.001	82
Idaho.....	445,000	7	428	.974	1,106	2.486	2	.004	553
Illinois.....	7,526,000	7	1,375	.194	4,251	.565	17	.002	250
Indiana.....	3,204,000	7	3,067	.993	3,468	1.082	14	.004	248
Iowa.....	2,463,000	7	844	.346	1,913	.777	5	.002	383
Kansas.....	1,872,000	7	756	.413	1,950	1.042	2	.001	975
Kentucky.....	2,609,000	5	498	.197	598	.229	7	.003	85
Louisiana.....	2,073,000	7	595	.304	177	.085	0		
Maine.....	798,000	7	2	.003	72	.090	1	.001	72
Maryland.....	1,616,000	7	10	.006	8	.005	0		
Massachusetts.....	4,224,000	7	6	.001	273	.065	1	.000	273
Michigan.....	4,756,000	7	1,211	.282	2,410	.507	9	.002	268
Minnesota.....	2,553,000	7	868	.350	221	.087	0		
Mississippi.....	1,992,000	7	597	.313	37	.019	0		
Missouri.....	3,605,000	7	608	.173	1,448	.402	6	.002	241
Montana.....	537,000	7	589	1.086	547	1.018	1	.002	547
Nebraska.....	1,373,000	7	626	.467	1,802	1.313	7	.005	257
Nevada.....	90,000	4	52	.614	97	1.078	0		
New Hampshire.....	464,000	7	7	.015	22	.047	0		
New Jersey.....	3,964,000	7	18	.005	1	.000	0		
New Mexico.....	422,000	7	39	.098	82	.194	0		
New York.....	12,456,000	7	330	.028	291	.023	0		
North Carolina.....	3,126,000	7	2,136	.740	589	.188	1	.000	589
North Dakota.....	680,000	7	323	.485	355	.522	1	.001	355
Ohio.....	6,575,000	7	2,272	.365	3,223	.490	2	.000	1,611
Oklahoma.....	2,365,000	7	1,018	.458	2,033	.860	8	.003	254
Oregon.....	940,000	7	1,057	1.209	1,187	1.262	3	.003	396
Pennsylvania.....	9,573,000	7	72	.008	55	.006	1	.000	55
Rhode Island.....	681,000	7	5	.008	0		0		
South Carolina.....	1,729,000	6	519	.304	129	.075	0		
South Dakota.....	687,000	7	339	.509	1,578	2.298	2	.003	789
Tennessee.....	2,589,000	7	795	.320	298	.115	2	.001	149
Texas.....	5,737,000	7	1,498	.283	2,457	.428	26	.004	94
Utah.....	499,000	5	264	.552	577	1.157	1	.002	577
Vermont.....	359,000	7	10	.028	216	.602	0		
Virginia.....	2,411,000	7	360	.152	430	.178	1	.000	430
Washington.....	1,547,000	7	1,799	1.226	2,212	1.430	5	.003	442
West Virginia.....	1,709,000	7	482	.300	573	.335	1	.001	573
Wisconsin.....	2,908,000	7	1,096	.393	758	.261	0		
Wyoming.....	222,000	7	52	.247	347	1.560	1	.004	347

Syphilis—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	570	724	681	803	805	952	719	1,064	865	871	621	836	9,511
Arizona.....	13	4	9	8	2	5	4	7	4	9	16	13	94
Arkansas.....	206	205	290	279	230	247	270	268	213	248	206	195	2,857
California.....	1,130	945	920	1,088	1,049	943	1,152	788	847	1,178	878	814	11,732
Colorado.....	53	37	45	46	56	49	42	37	25	65	41	47	543
Connecticut.....	175	142	206	149	207	181	142	141	142	151	205	199	2,040
Delaware.....	69	79	79	68	62	67	63	53	101	108	87	85	921
District of Columbia.....	57	54	60	74	63	59	98	87	67	62	54	53	788
Florida.....	570	769	362	419	545	408	473	476	462	446	464	291	5,685
Georgia.....	184	383	468	1,064	574	568	392	675	354	772	737	537	6,708
Idaho.....	8	3	4	2	12	8	7	9	1	4	3	3	64
Illinois.....	991	985	1,146	1,591	1,348	1,048	900	895	1,073	1,095	1,039	980	13,091
Indiana.....	160	141	174	109	121	133	134	177	148	122	158	122	1,721
Iowa.....	74	40	98	61	68	76	182	50	43	43	40	48	823
Kansas.....	89	76	106	154	78	60	78	56	111	69	73	89	1,039
Kentucky.....	277	281	380	304	314	307	277	257	294	294	315	247	3,547
Louisiana.....	170	242	154	357	168	448	360	235	162	145	140	183	2,767
Maine.....	48	12	100	83	36	28	39	20	18	33	61	45	521
Maryland.....	159	121	107	160	130	130	128	148	122	118	147	134	1,604
Massachusetts.....	136	89	147	114	147	83	160	101	153	107	152	147	1,472
Michigan.....	1,536	971	1,146	1,718	952	1,396	1,491	1,730	1,300	1,416	1,339	1,131	16,126
Minnesota.....	293	312	339	302	395	425	292	391	383	388	387	373	4,280
Mississippi.....	1,290	1,259	1,270	1,333	2,251	1,518	1,609	1,499	1,377	1,444	1,377	1,388	17,615
Missouri.....	301	292	348	326	276	257	650	214	370	241	230	233	3,738
Nebraska.....	65	60	69	90	109	86	65	86	56	76	113	102	983
New Hampshire.....	10	19	28	27	17	21	5	6	9	9	4	10	165
New Jersey.....	539	441	547	517	517	489	545	558	484	530	553	483	6,203
New York.....	2,544	2,674	3,022	4,409	4,278	3,299	3,101	2,503	3,698	4,093	3,747	5,241	42,609
North Dakota.....	34	34	53	36	41	52	29	54	40	61	52	35	521
Ohio.....	467	465	490	582	541	548	538	537	526	634	515	515	6,358
Oklahoma.....	64	54	62	65	56	54	121	136	105	-----	-----	-----	717
Oregon.....	65	52	59	39	113	52	35	65	71	52	66	37	706
Pennsylvania.....	272	255	323	334	352	273	307	299	307	248	246	214	3,430
Rhode Island.....	36	29	46	36	30	44	53	37	26	38	27	37	439
South Carolina.....	556	513	847	704	704	862	-----	-----	-----	-----	765	434	5,385
South Dakota.....	10	3	6	10	3	10	3	11	36	10	8	39	149
Tennessee.....	407	393	508	569	542	322	426	427	368	400	427	349	5,138
Texas.....	137	223	329	264	226	212	184	400	314	349	228	241	3,107
Vermont.....	33	28	27	32	-----	-----	-----	-----	-----	-----	-----	-----	120
Virginia.....	121	122	121	119	119	119	113	114	113	114	113	114	1,402
Washington.....	152	172	187	162	145	124	192	178	201	159	181	129	1,982
West Virginia.....	952	1,001	1,140	1,207	1,341	1,089	1,216	1,171	1,216	1,187	1,139	1,319	13,978
Wisconsin ¹	32	42	44	38	43	25	40	36	45	51	33	46	475

¹ Only those cases of syphilis in the infectious stage are reportable by law.² For 9 months only.³ For 8 months only.⁴ For 4 months only.

NOTE.—Montana, New Mexico, North Carolina, Utah, and Wyoming did not report venereal diseases in 1929; the Nevada report shows no cases.

Syphilis—Cases reported, and indicated morbidity rates, 1929

State	Population estimated, July 1, 1929	Total cases reported, 1929	Cases per 1,000 inhabitants	State	Population estimated, July 1, 1929	Total cases reported, 1929	Cases per 1,000 inhabitants
Alabama.....	2,624,000	9,511	3.625	Michigan.....	4,756,000	16,126	3.390
Arizona.....	428,000	94	.219	Minnesota.....	2,553,000	4,280	1.676
Arkansas.....	1,847,000	2,857	1.547	Mississippi.....	1,992,000	17,615	8.843
California.....	5,508,000	11,732	2.130	Missouri.....	3,605,000	3,738	1.037
Colorado.....	1,028,000	543	.528	Nebraska.....	1,373,000	983	.716
Connecticut.....	1,588,000	2,040	1.284	New Hampshire.....	464,000	165	.356
Delaware.....	237,000	921	3.882	New Jersey.....	3,964,000	6,203	1.565
District of Columbia.....	483,000	788	1.631	New York.....	12,456,000	42,609	3.421
Florida.....	1,430,000	5,685	3.975	North Dakota.....	680,000	521	.766
Georgia.....	2,902,000	6,708	2.312	Ohio.....	6,575,000	6,358	.967
Idaho.....	445,000	64	.144	Oregon.....	940,000	706	.751
Illinois.....	7,526,000	13,091	1.740	Pennsylvania.....	9,573,000	3,430	.358
Indiana.....	3,204,000	1,721	.537	Rhode Island.....	681,000	439	.644
Iowa.....	2,463,000	823	.334	South Dakota.....	687,000	149	.217
Kansas.....	1,872,000	1,039	.555	Tennessee.....	2,589,000	5,138	1.985
Kentucky.....	2,609,000	3,547	1.360	Texas.....	5,737,000	3,107	.542
Louisiana.....	2,073,000	2,767	1.335	Virginia.....	2,411,000	1,402	.581
Maine.....	798,000	521	.653	Washington.....	1,547,000	1,982	1.281
Maryland.....	1,616,000	1,604	.992	West Virginia.....	1,709,000	13,978	8.178
Massachusetts.....	4,224,000	11,472	1.348	Wisconsin.....	2,908,000	1,475	.513

¹ Only those cases of syphilis in the infectious stage are reportable by law.

Tuberculosis (all forms)—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	234	235	358	361	286	513	274	313	284	299	272	181	3,610
California.....	1,156	927	1,001	922	1,092	811	929	724	667	956	745	691	10,621
Connecticut.....	143	123	114	139	173	139	110	126	119	117	110	109	1,522
Delaware.....	18	20	13	14	11	27	14	10	20	14	18	16	195
District of Columbia.....	92	85	144	123	131	129	96	82	84	81	90	77	1,214
Illinois.....	1,088	708	1,700	1,168	1,075	1,080	1,090	908	910	920	872	736	12,255
Indiana.....	182	186	211	159	306	229	204	294	211	134	229	195	2,540
Kansas.....	83	142	177	218	190	154	129	119	124	126	152	144	1,758
Maryland.....	189	244	311	338	311	301	328	306	240	267	167	121	3,123
Massachusetts ¹	459	426	552	509	519	655	467	483	371	454	436	372	5,703
Michigan.....	361	403	414	500	688	555	426	807	456	766	328	544	6,248
Minnesota.....	178	172	296	318	308	315	284	318	351	274	340	284	3,438
Mississippi.....	231	287	399	324	343	327	340	277	276	202	254	243	3,503
Missouri.....	185	213	307	226	203	303	270	251	184	197	251	151	2,741
Montana.....	36	53	32	39	40	49	88	27	55	37	36	44	536
New Jersey.....	495	389	422	508	486	421	420	436	380	485	392	389	5,223
New Mexico.....	81	54	122	85	71	110	130	77	119	84	84	51	1,068
New York.....	1,858	1,685	1,920	1,831	1,941	1,764	1,741	1,449	1,559	1,930	1,647	1,363	20,688
North Dakota.....	20	10	25	40	40	34	17	24	21	21	30	211	493
Ohio.....	615	691	673	752	740	728	695	641	533	690	591	708	8,057
Oregon ²	45	42	68	69	51	74	87	82	66	80	56	67	787
Pennsylvania.....	472	647	820	719	814	895	904	613	536	670	708	370	8,168
Rhode Island.....	34	28	57	55	52	56	42	38	47	38	43	43	546
South Carolina.....	119	121	197	210	189	267	133	173	166	146	148	95	1,964
Tennessee.....	127	155	322	286	386	433	257	307	299	239	244	162	3,217
Utah.....	15	12	18	9	12	9	19	10	8	11	13	12	148
Washington.....	119	207	189	198	198	170	190	158	154	149	194	182	2,108
Wisconsin.....	142	169	145	253	214	189	201	232	171	189	147	137	2,189
Wyoming.....	4	2	5	10	5	8	8	4	8	3	5	6	68

¹ Includes 516 cases of hilum tuberculosis reported as follows: Jan., 35 cases; Feb., 16; Mar., 58; Apr., 32; May, 30; June, 216; July, 29; Aug., 14; Sept., 23; Oct., 16; Nov., 30, and Dec., 17 cases.

² In addition, 41 cases of nonresidents were brought to Oregon for treatment.

Tuberculosis (all forms)—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona.....	127	136	169	133	145	115	117	90	86	106	108	137	1,469
Arkansas.....	166	130	120	136	139	147	140	104	93	95	96	111	1,477
California.....	532	517	578	519	540	488	474	472	410	423	447	455	5,855
Colorado.....	123	106	119	100	115	107	114	125	88	103	90	79	1,269
Connecticut.....	93	98	96	87	93	83	93	87	77	72	68	84	1,631
Delaware.....	18	26	13	14	11	27	11	10	20	14	18	16	192
District of Columbia.....	50	64	56	51	67	40	36	39	40	40	40	41	564
Florida.....	81	109	88	85	81	76	88	82	71	86	87	86	1,014
Georgia.....	176	149	182	196	197	226	187	161	173	153	160	190	2,150
Idaho.....	13	11	18	14	10	19	9	9	19	15	11	18	166
Illinois.....	355	478	596	550	444	418	429	406	352	384	358	374	5,244
Indiana.....	220	196	220	220	210	219	164	183	171	166	174	186	2,329
Iowa.....	83	73	71	76	75	61	69	75	63	57	42	59	864
Kansas.....	61	71	64	55	64	62	54	55	50	39	54	76	705
Kentucky.....	325	255	257	248	219	210	232	169	155	185	195	177	2,627
Louisiana.....	216	146	157	170	151	169	143	115	129	137	131	144	1,808
Maine.....	49	46	45	48	45	43	36	36	37	28	29	42	484
Maryland.....	183	142	159	178	137	150	134	127	98	127	116	161	1,692
Massachusetts.....	301	247	280	272	272	267	246	215	208	221	192	211	2,922
Michigan.....	312	254	282	304	334	269	258	234	254	221	192	229	3,143
Minnesota.....	118	117	143	149	134	134	117	122	109	92	86	120	1,441
Mississippi.....	143	168	160	155	162	157	143	115	114	142	118	132	1,649
Missouri.....	265	231	267	232	227	230	213	201	187	208	199	212	2,702
Montana.....	35	21	37	38	40	36	27	26	22	29	23	19	353
Nebraska.....	37	43	33	49	44	32	35	36	32	32	26	26	425
Nevada.....	4	5	10	8	4	2	7	6	8	4	8	2	68
New Hampshire.....	27	18	22	20	24	30	21	10	17	15	12	18	234
New Jersey.....	264	259	272	270	250	210	245	230	210	226	226	255	2,917
New Mexico.....	81	66	73	66	60	31	54	49	44	49	55	62	690
New York.....	945	813	815	835	863	816	743	702	638	732	635	765	9,302
North Carolina.....	227	205	223	248	228	270	199	195	172	211	206	219	2,603
North Dakota.....	24	24	19	24	12	17	25	12	19	11	17	17	221
Ohio.....	474	403	402	433	420	387	380	342	311	356	326	353	4,587
Oklahoma.....	119	129	128	128	106	111	125	164	88	74	90	100	1,302
Oregon.....	34	32	39	43	44	39	30	36	41	30	39	42	449
Pennsylvania.....	675	534	571	540	593	521	531	493	431	460	429	496	6,274
Rhode Island.....	40	36	58	51	49	38	33	32	29	28	34	41	469
South Carolina.....	102	93	123	109	139	144	125	111	99	94	101	111	1,351
South Dakota.....	32	32	29	28	37	30	33	39	23	22	22	47	374
Tennessee.....	349	309	289	305	298	288	235	201	222	212	203	263	3,114
Texas.....	410	331	379	393	404	373	309	316	283	317	323	360	4,198
Utah.....	11	10	15	6	11	4	15	10	8	9	13	12	124
Vermont.....	25	27	31	18	26	22	15	14	13	19	16	26	252
Virginia.....	281	186	202	213	228	187	194	188	170	184	183	177	2,393
Washington.....	98	91	93	105	95	90	91	65	75	79	68	85	1,035
West Virginia.....	122	83	117	97	97	99	84	92	89	165	85	93	1,163
Wisconsin.....	111	108	160	177	120	154	121	116	119	130	119	115	1,550
Wyoming.....	4	2	5	10	5	8	8	4	8	2	5	4	65

Tuberculosis (all forms)—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929

State	Population estimated, July 1, 1929	Cases reported, 1929	Cases per 1,000 inhabitants	Deaths registered, 1929	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	3,610	1.376	2,220	0.846	2
Arizona.....	428,000	—	—	1,469	3.429	—
Arkansas.....	1,847,000	—	—	1,477	.800	—
California.....	5,508,000	10,621	1.928	5,855	1.063	2
Colorado.....	1,028,000	—	—	1,269	1.234	—
Connecticut.....	1,588,000	1,522	.958	1,031	.649	1
Delaware.....	237,000	195	.822	192	.809	1
District of Columbia.....	483,000	1,214	2.512	564	1.167	2
Florida.....	1,430,000	—	—	1,014	.709	—
Georgia.....	2,902,000	—	—	2,150	.741	—
Idaho.....	445,000	—	—	166	.373	—
Illinois.....	7,526,000	12,255	1.628	5,244	.697	2
Indiana.....	3,204,000	2,540	.793	2,329	.727	1
Iowa.....	2,463,000	—	—	804	.326	—
Kansas.....	1,872,000	1,758	.939	705	.377	2
Kentucky.....	2,669,000	—	—	2,627	1.007	—
Louisiana.....	2,073,000	—	—	1,808	.872	—
Maine.....	798,000	—	—	484	.607	—
Maryland.....	1,616,000	3,123	1.932	1,692	1.047	2
Massachusetts.....	4,224,000	15,703	1.350	2,922	.692	2
Michigan.....	4,756,000	6,248	1.314	3,143	.661	2
Minnesota.....	2,553,000	3,438	1.346	1,441	.564	2
Mississippi.....	1,992,000	3,503	1.758	1,649	.828	2
Missouri.....	3,605,000	2,741	.760	2,702	.749	1
Montana.....	537,000	536	.998	353	.657	2
Nebraska.....	1,373,000	—	—	425	.310	—
Nevada.....	90,000	—	—	68	.756	—
New Hampshire.....	464,000	—	—	234	.505	—
New Jersey.....	3,964,000	5,223	1.317	2,917	.736	2
New Mexico.....	422,000	1,068	2.529	690	1.634	2
New York.....	12,456,000	20,688	1.661	9,302	.747	2
North Carolina.....	3,126,000	—	—	2,603	.833	—
North Dakota.....	680,000	493	.725	221	.325	2
Ohio.....	6,575,000	8,057	1.225	4,587	.698	2
Oklahoma.....	2,365,000	—	—	1,302	.550	—
Oregon.....	940,000	787	.837	449	.477	2
Pennsylvania.....	9,573,000	8,168	.853	6,274	.655	1
Rhode Island.....	681,000	546	.802	469	.688	1
South Carolina.....	1,729,000	1,964	1.136	1,351	.781	1
South Dakota.....	687,000	—	—	374	.545	—
Tennessee.....	2,589,000	3,217	1.243	3,114	1.203	1
Texas.....	5,737,000	—	—	4,198	.732	—
Utah.....	499,000	148	.297	124	.249	1
Vermont.....	359,000	—	—	252	.703	—
Virginia.....	2,411,000	—	—	2,393	.992	—
Washington.....	1,547,000	2,108	1.363	1,035	.669	2
West Virginia.....	1,709,000	—	—	1,163	.680	—
Wisconsin.....	2,908,000	2,189	.753	1,550	.533	1
Wyoming.....	222,000	68	.306	65	.292	1

¹ Includes 516 cases of hilum tuberculosis.

Tuberculosis (respiratory system)—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
California.....	1,117	892	959	876	1,033	771	883	689	629	902	700	652	10,103
Connecticut.....	136	113	109	130	165	125	104	114	114	108	104	99	1,421
Delaware.....	16	17	11	12	11	24	12	10	17	11	15	16	172
District of Columbia.....	88	80	139	117	125	126	94	78	82	81	89	74	1,173
Illinois.....	1,063	702	1,669	1,149	1,054	1,046	1,065	888	900	906	851	722	12,015
Kansas.....	72	116	154	155	172	140	121	140	92	112	119	118	1,511
Louisiana.....	230	147	170	236	189	218	302	136	159	201	168	259	2,415
Maryland.....	176	232	287	313	294	288	296	276	229	249	149	115	2,904
Massachusetts.....	381	363	437	425	409	364	393	417	293	388	353	315	4,538
Nevada.....	4	8	17	8	7	7	16	4	10	4	7	-----	92
New Hampshire.....	22	23	14	36	12	20	35	19	45	31	28	34	319
New York.....	1,776	1,591	1,820	1,726	1,837	1,676	1,642	1,382	1,474	1,833	1,590	1,278	19,625
Ohio.....	601	639	604	691	687	656	637	572	502	632	553	645	7,419
Rhode Island.....	32	28	55	54	49	52	55	36	34	45	37	41	518
Tennessee.....	127	151	310	277	368	413	241	285	276	228	228	157	3,061
Utah.....	13	10	15	8	10	9	16	8	7	11	11	10	128
Wyoming.....	3	2	2	6	4	8	7	2	6	2	5	4	51

Tuberculosis (respiratory system)—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona.....	118	128	156	126	137	109	104	80	82	94	104	129	1,367
Arkansas.....	160	124	113	124	135	133	136	98	86	89	86	103	1,387
California.....	476	461	525	443	483	443	433	420	356	374	398	400	5,212
Colorado.....	116	96	111	91	108	100	110	119	82	98	83	74	1,188
Connecticut.....	78	84	86	81	83	77	81	77	71	62	60	79	919
Delaware.....	16	17	11	12	11	24	9	10	17	11	15	16	169
District of Columbia.....	44	57	52	45	57	36	33	34	34	37	38	40	507
Florida.....	68	98	76	78	77	68	79	79	62	76	80	82	923
Idaho.....	7	11	16	11	8	13	8	7	17	10	11	14	133
Illinois.....	409	424	529	469	375	361	364	362	313	344	318	322	4,590
Indiana.....	203	173	187	198	184	190	141	161	139	141	149	165	2,031
Iowa.....	72	61	59	73	67	55	64	58	51	51	38	55	704
Kansas.....	55	61	58	46	60	54	48	44	41	32	46	70	615
Kentucky.....	299	241	240	231	206	196	203	147	144	164	176	162	2,409
Louisiana.....	206	135	148	161	133	153	131	103	114	124	117	138	1,663
Maine.....	42	41	38	44	34	32	29	28	30	23	26	32	399
Maryland.....	169	134	139	140	123	143	113	112	88	110	102	143	1,516
Massachusetts.....	277	217	243	226	236	226	213	191	185	194	167	186	2,561
Michigan.....	267	217	242	260	276	223	224	211	213	194	163	198	2,688
Minnesota.....	105	100	117	128	114	115	99	109	91	82	75	100	1,235
Mississippi.....	142	105	147	141	153	145	132	107	109	134	112	123	1,550
Missouri.....	244	211	269	207	203	207	184	175	169	179	187	189	2,424
Montana.....	32	19	33	33	35	34	24	24	21	26	21	15	317
Nebraska.....	32	32	29	37	36	23	30	27	27	28	18	23	342
Nevada.....	4	3	9	8	2	1	7	5	7	4	7	2	59
New Hampshire.....	22	17	16	14	23	24	14	8	15	12	8	12	185
New Jersey.....	246	232	247	242	228	194	221	206	189	203	193	217	2,618
New Mexico.....	75	64	69	62	58	27	51	45	43	48	48	59	649
New York.....	871	755	766	761	786	736	668	639	574	670	580	710	8,516
North Carolina.....	216	193	204	224	213	233	181	176	155	195	187	207	2,384
North Dakota.....	21	21	15	23	8	14	22	11	18	9	13	14	189
Ohio.....	423	348	354	353	349	328	318	292	272	320	297	298	3,952
Oregon.....	31	31	35	38	41	33	28	31	35	28	33	38	402
Pennsylvania.....	611	484	510	488	532	456	461	434	379	403	386	445	5,589
Rhode Island.....	34	31	46	46	42	33	25	29	25	26	27	32	396
South Carolina.....	98	84	116	102	132	137	104	112	90	88	90	104	1,257
South Dakota.....	28	29	25	27	28	27	31	36	21	21	19	40	332
Tennessee.....	314	287	246	281	256	263	206	182	190	180	177	195	2,777
Texas.....	388	306	346	361	381	339	287	292	265	297	299	343	3,904
Utah.....	9	8	12	5	9	4	12	8	7	9	11	10	104
Vermont.....	22	25	27	17	25	16	12	12	8	15	12	24	215
Virginia.....	260	165	187	192	206	172	169	167	145	164	167	164	2,158
West Virginia.....	111	75	103	91	87	83	67	79	81	94	77	84	1,032
Wisconsin.....	101	100	139	150	106	140	103	101	106	118	108	104	1,376
Wyoming.....	3	2	2	6	4	8	7	2	6	1	5	4	50

Tuberculosis (respiratory system)—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929

State	Population estimated, July 1, 1929	Cases reported, 1929	Cases per 1,000 inhabitants	Deaths registered, 1929	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	-----	-----	2,018	0.769	-----
Arizona.....	428,000	-----	-----	1,367	3.191	-----
Arkansas.....	1,847,000	-----	-----	1,387	.751	-----
California.....	5,508,000	10,103	1.834	5,212	.946	2
Colorado.....	1,028,000	-----	-----	1,188	1.156	-----
Connecticut.....	1,588,000	1,421	.895	919	.579	2
Delaware.....	237,000	172	.725	169	.712	1
District of Columbia.....	483,000	1,173	2.427	507	1.049	2
Florida.....	1,430,000	-----	-----	923	.645	-----
Idaho.....	445,000	-----	-----	133	.299	-----
Illinois.....	7,526,000	12,015	1.597	4,590	.610	3
Indiana.....	3,204,000	-----	-----	2,031	.634	-----
Iowa.....	2,463,000	-----	-----	704	.286	-----
Kansas.....	1,872,000	1,511	.807	615	.329	2
Kentucky.....	2,609,000	-----	-----	2,409	.923	-----
Louisiana.....	2,073,000	2,415	1.165	1,663	.802	1
Maine.....	798,000	-----	-----	399	.500	-----
Maryland.....	1,616,000	2,904	1.797	1,516	.938	2
Massachusetts.....	4,224,000	4,538	1.074	2,561	.606	2
Michigan.....	4,756,000	-----	-----	2,688	.565	-----
Minnesota.....	2,553,000	-----	-----	1,235	.484	-----
Mississippi.....	1,992,000	-----	-----	1,550	.778	-----
Missouri.....	3,605,000	-----	-----	2,424	.672	-----
Montana.....	537,000	-----	-----	317	.590	-----
Nebraska.....	1,373,000	-----	-----	342	.249	-----
Nevada.....	90,000	92	1.022	59	.656	2
New Hampshire.....	464,000	319	.688	185	.399	2
New Jersey.....	3,964,000	-----	-----	2,618	.660	-----
New Mexico.....	422,000	-----	-----	649	1.537	-----
New York.....	12,456,000	19,625	1.575	8,516	.684	2
North Carolina.....	3,126,000	-----	-----	2,384	.763	-----
North Dakota.....	680,000	-----	-----	189	.278	-----
Ohio.....	6,575,000	7,419	1.128	3,952	.601	2
Oregon.....	940,000	-----	-----	402	.427	-----
Pennsylvania.....	9,573,000	-----	-----	5,589	.584	-----
Rhode Island.....	681,000	518	.760	396	.581	1
South Carolina.....	1,729,000	-----	-----	1,257	.727	-----
South Dakota.....	687,000	-----	-----	332	.483	-----
Tennessee.....	2,589,000	3,061	1.182	2,777	1.073	1
Texas.....	5,737,000	-----	-----	3,904	.680	-----
Utah.....	499,000	128	.257	104	.208	1
Vermont.....	359,000	-----	-----	215	.599	-----
Virginia.....	2,411,000	-----	-----	2,158	.895	-----
West Virginia.....	1,709,000	-----	-----	1,032	.604	-----
Wisconsin.....	2,908,000	-----	-----	1,376	.473	-----
Wyoming.....	222,000	51	.229	50	.225	1

*Tularaemia*¹—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	1		3	2	3								9
Arizona.....												1	1
Arkansas.....													7
California.....					2	2	3	5			6	1	19
Colorado.....									1		1		2
District of Columbia.....													11
Florida.....	1				1		1			1			4
Georgia.....				4			1	2			1		8
Idaho.....													1
Illinois.....	2										2	32	36
Indiana.....													9
Iowa.....												2	2
Kansas.....	3						1	1		1	8		15
Kentucky.....	3									1	4	22	30
Louisiana.....	1		1		1	1	7	1	2		2	3	19
Maryland.....	1	1					1		2		3	15	23
Massachusetts.....													1
Michigan.....													2
Minnesota.....								1		1	1		3
Mississippi.....													4
Missouri.....													29
Montana.....						1		1					2
Nebraska.....													5
Nevada.....				1	3		17	15					36
New Mexico.....							3					1	4
North Carolina.....													5
North Dakota.....						1							1
Ohio.....		1		1						1	1	25	29
Oklahoma.....					2								2
Oregon.....			1	2				4					7
Pennsylvania.....													2
Rhode Island.....					1								1
South Carolina.....			2		1	1		2			2		8
South Dakota.....													1
Tennessee.....	1	3			1	4				1		21	31
Texas.....													9
Virginia.....	1		1	1	4	4	2	5	1	3	10	37	69
Washington.....													1
West Virginia.....													4
Wyoming.....						4	4		1				9

¹ Reports of cases of tularaemia from State health officers have been supplemented by reports from other sources. The supplementary reports are included in the totals, but not distributed by months.

Tularaemia—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
California.....						1							1
Illinois.....											1		1
Indiana.....												2	2
Kansas.....								1					1
Kentucky.....											2	8	10
Louisiana.....									2				2
Maryland.....												2	2
Missouri.....	1												1
Nevada.....							1						1
North Carolina.....												1	1
Ohio.....								1					1
Tennessee.....			1							1	1		3
Texas.....		1	1				1						3
Virginia.....	1					1			1		1	1	5
West Virginia.....											1		1
Wisconsin.....										1			1

Typhoid fever—Monthly estimated expectancy based on data which are available for the years 1922-1928, inclusive

State	Number of years included	January	February	March	April	May	June	July	August	September	October	November	December	Total
Alabama.....	7	48	48	51	44	74	169	356	479	273	178	100	73	1,893
Arizona.....	7	3	2	2	3	10	12	9	10	10	16	9	8	94
Arkansas.....	7	37	22	12	17	29	63	155	192	154	123	70	41	915
California.....	7	52	31	41	47	66	75	106	137	98	78	64	63	858
Colorado.....	6	13	9	17	7	7	18	36	56	41	61	39	15	319
Connecticut.....	7	8	7	9	6	12	9	20	41	35	30	17	14	208
Delaware.....	7	3	2	1	1	2	3	6	16	11	18	9	5	77
District of Columbia.....	7	2	3	6	2	5	5	9	18	18	11	9	5	93
Florida.....	7	52	37	41	48	62	66	60	49	39	40	28	35	557
Georgia.....	7	28	21	16	20	61	132	254	216	227	90	47	38	1,150
Idaho.....	7	2	3	6	3	8	5	5	18	23	15	6	4	98
Illinois.....	7	79	59	44	52	54	68	124	223	254	259	173	115	1,504
Indiana.....	7	21	14	13	16	14	27	48	85	137	103	55	38	571
Iowa.....	2	14	14	15	17	11	14	13	22	19	15	10	9	173
Kansas.....	7	13	7	8	10	15	38	97	152	135	76	48	12	611
Kentucky.....	5	39	22	24	24	25	30	59	185	125	103	81	53	770
Louisiana.....	7	73	53	40	52	78	122	152	176	133	98	77	55	1,109
Maine.....	7	11	11	11	12	9	15	15	26	32	30	19	17	208
Maryland.....	7	41	24	27	28	30	43	101	209	217	199	93	62	1,074
Massachusetts.....	7	31	25	30	28	35	34	49	67	80	68	43	34	524
Michigan.....	7	39	31	39	38	33	38	64	97	127	94	84	57	741
Minnesota.....	7	18	18	22	13	13	19	33	42	38	42	24	20	302
Mississippi.....	7	60	52	68	60	125	237	425	320	262	164	110	69	1,952
Missouri.....	7	18	13	23	16	28	38	87	146	162	137	83	33	784
Montana.....	7	3	4	3	5	11	6	16	22	34	16	9	8	137
Nebraska.....	7	6	7	3	3	3	3	9	15	12	8	12	8	89
Nevada.....	4	1	1	1	3	2	1	1	6	4	3	2	2	24
New Hampshire.....	7	1	1	1	2	1	1	1	1	1	6	1	1	17
New Jersey.....	7	32	20	22	25	23	38	48	80	108	90	47	41	574
New Mexico.....	7	12	7	3	3	6	17	28	43	75	95	43	21	353
New York.....	7	140	79	94	104	121	118	182	333	319	303	204	158	2,155
North Carolina.....	7	20	12	16	13	41	148	331	337	207	131	56	28	1,340
North Dakota.....	7	5	5	3	4	2	2	6	7	8	16	9	4	71
Ohio.....	7	65	42	44	45	58	70	125	220	349	295	109	83	1,505
Oklahoma.....	7	43	43	23	26	24	84	166	333	385	224	146	89	1,586
Oregon.....	7	13	11	10	14	14	13	22	25	34	34	18	15	223
Pennsylvania.....	7	105	87	74	86	78	117	180	317	386	351	206	152	2,139
Rhode Island.....	7	5	1	1	3	3	2	4	9	12	6	8	3	57
South Carolina.....	6	26	23	15	23	62	221	306	251	195	144	65	43	1,374
South Dakota.....	7	8	7	5	2	3	6	10	16	18	18	12	7	112
Tennessee.....	7	31	29	15	22	41	106	317	388	425	240	106	90	1,810
Texas.....	7	24	29	12	19	29	50	99	112	100	84	56	66	680
Utah.....	5	4	4	2	4	13	16	14	40	42	37	10	6	192
Vermont.....	7	4	3	2	3	1	1	3	3	6	3	1	3	33
Virginia.....	7	38	29	37	48	72	135	293	368	229	214	96	55	1,614
Washington.....	7	21	15	20	17	18	25	34	52	81	64	27	25	399
West Virginia.....	7	62	48	33	28	35	45	89	157	204	205	85	54	1,045
Wisconsin.....	7	18	12	17	23	22	12	17	24	39	30	32	19	265
Wyoming.....	7	1	1	1	2	3	5	6	6	9	9	4	1	38

Typhoid fever—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	15	16	29	33	44	129	151	156	101	66	45	40	825
Arizona.....		11	7	2	23	64	11	3	11	19	21	11	183
Arkansas.....	16	15	12	27	28	43	74	99	91	114	40	23	582
California.....	29	40	43	23	49	53	93	87	47	69	50	28	611
Colorado.....		7	4	6	5	15	21	59	37	22	33	9	218
Connecticut.....			3	2	7	4	11	23	7	11	14	8	90
Delaware.....	1				3	2	4	17	14	4	3	2	50
District of Columbia.....	2	1	1	3	1	3	11	10	6	6	6	2	52
Florida.....	8	24	19	23	16	13	27	17	4	9	4	8	172
Georgia.....	4	8	30	30	60	131	183	226	117	78	21	11	899
Idaho.....	22	13	4		4	3	12	7	8	1		5	80
Illinois.....	47	18	27	28	38	46	77	131	113	142	62	37	766
Indiana.....	5	7	36	27	21	12	19	43	44	32	22	8	276
Iowa.....	1	7	10	22	1	10	15	67	29	16	94	16	288
Kansas.....	8	8	13	10	13	28	61	74	39	17	21	16	308
Kentucky.....	10	5	8	9	22	20	62	126	141	81	32	17	533
Louisiana.....	35	36	27	58	64	79	152	108	102	66	58	40	825
Maine.....	3	3	5	20	14	20	21	14	9	13	22	12	156
Maryland.....	9	13	17	20	23	30	63	108	84	100	50	31	548
Massachusetts.....	8	10	18	18	34	22	32	42	38	37	22	26	307
Michigan.....	14	12	22	28	18	13	24	37	48	50	32	12	310
Minnesota.....	5	15	14	28	14	13	26	23	24	22	25	30	239
Mississippi.....	22	35	46	49	95	186	306	242	148	93	44	37	1,303
Missouri.....	14	7	23	54	114	61	77	84	66	59	32	23	614
Montana.....	1	2	16	5	2	13	9	31	135	117	24	10	365
Nebraska.....	7	5	3	9	15	4	3	9	11	6	1	1	74
Nevada.....				1					1	4		1	7
New Hampshire.....					3			3	2	3	5		16
New Jersey.....	7	6	11	5	21	19	51	56	61	36	27	18	318
New Mexico.....	13	9	9	10	3	8	28	49	47	67	22	14	279
New York.....	67	44	57	61	69	57	99	247	189	158	99	48	1,195
North Carolina.....	2	6	17	16	37	93	196	186	151	83	38	36	861
North Dakota.....	1	1	10	3	6	1	4	5	20	11	5	2	69
Ohio.....	27	27	35	37	38	38	74	164	173	153	77	53	896
Oklahoma.....	9	16	22	31	16	68	174	302	172	130	120	37	1,097
Oregon.....	2	3	8	7	6	10	17	24	24	18	11	8	138
Pennsylvania.....	34	41	56	67	93	79	139	163	196	226	106	61	1,261
Rhode Island.....	6	3	4	1	4	4	5	7	8	8	2	2	54
South Carolina.....	17	19	28	30	65	209	378	259	214	107	88	31	1,445
South Dakota.....	3		1	1	3	1	3	23	14	22	2	4	77
Tennessee.....	15	19	22	30	48	150	264	464	272	136	120	35	1,575
Texas.....	13	11	58	27	27	94	96	158	165	47	41	22	759
Utah.....	7	3	6	3	6	2	27	14	18	29	9	6	130
Vermont.....		2			4		1	10	5		4	1	27
Virginia.....	14	9	9	31	52	83	187	188	132	77	43	28	853
Washington.....	8	12	15	29	17	14	17	32	40	60	35	15	294
West Virginia.....	14	25	47	39	38	119	79	131	156	112	94	30	884
Wisconsin.....	10	28	7	7	21	15	8	34	53	51	81	20	335
Wyoming.....	1			1	3	13	4	5	9	6	1	2	45

Typhoid fever—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona.....		2	2	5	13	10	5	2	6	6	3	1	55
Arkansas.....	17	7	9	10	7	13	28	52	39	35	19	12	248
California.....	4	9	8	6	6	7	12	10	13	9	7	4	95
Colorado.....	2	1	2	2		3	11	10	10	10	11	4	66
Connecticut.....	1				2	2	2	2	1	2	2	1	15
Delaware.....						1		2	2				5
District of Columbia.....	1			1		1	3	4	1		2		13
Florida.....	2	4	6	11	8	11	13	7	4	6	5	6	83
Georgia.....	6	5	7	14	20	32	55	54	55	39	22	27	336
Idaho.....	4		2	4		1		1			1	4	17
Illinois.....	11	5	3	5	3	11	16	12	13	18	6	7	110
Indiana.....	4	1	1	9	4	7	19	18	16	15	16	18	128
Iowa.....	3	2	1	4	2	4	2	7	7	5	11	11	59
Kansas.....	2	2	2	2	2	8	5	11	3	5	8	3	53
Kentucky.....	15	9	10	8	11	14	22	50	43	38	30	23	273
Louisiana.....	11	8	5	18	27	14	32	29	29	20	20	7	220
Maine.....	3			4	2		2	1	2	3	1	6	24
Maryland.....	1	5	2	5	2	3	7	10	11	9	8	5	68
Massachusetts.....	1	2	3	1	5	4	4	6	7	4	3	2	42
Michigan.....	6	3	1	7	8	7	6	11	13	11	7	2	82
Minnesota.....		1	1	1	1	2	4	3	4	1	2		20
Mississippi.....	11	4	10	7	13	30	33	32	24	14	13	6	197
Missouri.....	12	8	9	9	6	18	18	25	28	17	18	12	180
Montana.....					1	1	2	4	8	8	7	1	32
Nebraska.....	4	1	1		2	1	2	2	5	3		1	22
Nevada.....				1						1		1	3
New Hampshire.....						1					1		2
New Jersey.....	2	3	1	1	6	1	6	6	8	8	6	6	54
New Mexico.....	3	2			3	3	4	5	4	5	1	3	33
New York.....	9	7	3	10	7	13	15	24	29	22	17	8	164
North Carolina.....	6	4	6	5	8	14	27	32	31	21	8	10	172
North Dakota.....	1		1		1	1		1	2	1	2		10
Ohio.....	6	3	4	6	10	5	8	22	32	26	16	12	150
Oklahoma.....	20	15	6	9	7	12	35	60	45	28	23	20	280
Oregon.....			1	2		1	6	5	6	2		2	25
Pennsylvania.....	12	15	7	3	16	19	21	22	27	21	20	18	201
Rhode Island.....			2		1				2				5
South Carolina.....	5	12	6	6	16	35	40	44	31	25	15	14	249
South Dakota.....	2	2			2	2	1	2	7	2	4		22
Tennessee.....	7	5	5	10	11	17	47	74	51	35	29	16	307
Texas.....	26	9	18	17	25	40	76	84	62	57	54	26	494
Utah.....				1		1	6	3	3	2			16
Vermont.....		1			1		1	2	3				8
Virginia.....	8	1	3	2	14	12	18	17	8	18	9	11	121
Washington.....	1	1	3	3	3	2	2	5	5	3	3	4	35
West Virginia.....	17	9	10	11	12	9	12	17	29	29	24	18	197
Wisconsin.....	1	2	5	3	1	2	2	6	5	5	4	3	39
Wyoming.....	1			1	2	1			2	1			8

Typhoid fever—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929; estimated expectancy and indicated annual rates based on years 1922-1928

State	Population estimated, July 1, 1929	Estimated expectancy			1929				
		Number of years	Cases	Cases per 1,000 inhabitants	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	7	1,893	0.755	825	0.314	194	0.074	4
Arizona.....	428,000	7	94	.242	183	.427	55	.128	3
Arkansas.....	1,847,000	7	915	.506	582	.315	248	.134	2
California.....	5,508,000	7	858	.185	611	.111	95	.017	6
Colorado.....	1,028,000	6	319	.322	218	.212	66	.064	3
Connecticut.....	1,588,000	7	208	.139	90	.057	15	.009	6
Delaware.....	237,000	7	77	.333	50	.211	5	.021	10
District of Columbia.....	483,000	7	93	.200	52	.108	13	.027	4
Florida.....	1,430,000	7	557	.451	172	.120	83	.058	2
Georgia.....	2,902,000	7	1,150	.397	899	.310	336	.116	3
Idaho.....	445,000	7	98	.223	80	.180	17	.038	5
Illinois.....	7,526,000	7	1,504	.212	766	.102	110	.015	7
Indiana.....	3,204,000	7	571	.185	276	.086	128	.040	2
Iowa.....	2,463,000	2	173	.071	288	.117	59	.024	5
Kansas.....	1,872,000	7	611	.334	308	.164	53	.028	6
Kentucky.....	2,609,000	5	770	.305	533	.204	273	.105	2
Louisiana.....	2,073,000	7	1,109	.567	825	.398	220	.106	4
Maine.....	798,000	7	208	.265	156	.196	24	.030	6
Maryland.....	1,616,000	7	1,074	.695	548	.339	68	.042	8
Massachusetts.....	4,224,000	7	524	.129	307	.073	42	.010	7
Michigan.....	4,756,000	7	741	.172	310	.065	82	.017	4
Minnesota.....	2,553,000	7	302	.122	239	.094	20	.008	12
Mississippi.....	1,992,000	7	1,952	1.023	1,303	.654	197	.099	7
Missouri.....	3,605,000	7	784	.223	614	.170	180	.050	3
Montana.....	537,000	7	137	.253	365	.679	32	.060	11
Nebraska.....	1,373,000	7	89	.066	74	.054	22	.016	3
Nevada.....	90,000	4	24	.283	7	.078	3	.033	2
New Hampshire.....	464,000	7	17	.037	16	.034	2	.004	8
New Jersey.....	3,964,000	7	574	.158	318	.080	54	.014	6
New Mexico.....	422,000	7	353	.891	279	.661	33	.078	8
New York.....	12,456,000	7	2,155	.186	1,195	.096	164	.013	7
North Carolina.....	3,126,000	7	1,340	.464	861	.275	172	.055	5
North Dakota.....	680,000	7	71	.107	69	.101	10	.015	7
Ohio.....	6,575,000	7	1,505	.242	896	.136	150	.023	6
Oklahoma.....	2,365,000	7	1,586	.713	1,097	.464	280	.118	4
Oregon.....	940,000	7	223	.255	138	.147	25	.027	6
Pennsylvania.....	9,573,000	7	2,139	.232	1,261	.132	201	.021	6
Rhode Island.....	681,000	7	57	.088	54	.079	5	.007	11
South Carolina.....	1,729,000	6	1,374	.804	1,445	.836	249	.144	6
South Dakota.....	687,000	7	112	.168	77	.112	22	.032	3
Tennessee.....	2,589,000	7	1,810	.729	1,575	.608	307	.119	5
Texas.....	5,737,000	7	680	.129	759	.132	494	.086	2
Utah.....	499,000	5	192	.402	130	.261	16	.032	8
Vermont.....	359,000	7	33	.093	27	.075	8	.022	3
Virginia.....	2,411,000	7	1,614	.681	853	.354	121	.050	7
Washington.....	1,547,000	7	399	.272	294	.190	35	.023	8
West Virginia.....	1,709,000	7	1,045	.651	884	.517	197	.115	4
Wisconsin.....	2,908,000	7	265	.095	335	.115	39	.013	9
Wyoming.....	222,000	7	38	.180	45	.202	8	.036	6

Typhus fever—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....		3	4	5	4	7	4	11	11	5	12	6	72
Arizona.....											1		1
Arkansas.....			1					8					9
California.....							1						1
Connecticut.....											1		1
District of Columbia.....						3							3
Florida.....	1	1	1	1	3	8	12	1	7	1	7	5	48
Georgia.....	3	6	1	1	2	5	3	12	2	8	8	6	57
Louisiana.....		1											1
Maryland.....						3	1	2					6
New Jersey.....							1						1
New York.....			1	1						1		1	4
North Carolina.....							1	2					3
South Carolina.....	1						2			2			5
Tennessee.....											1	1	2
Texas.....										1	7		8
Virginia.....			1		3	5	6	2					17

Typhus fever—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
District of Columbia.....					1	1							2
Florida.....		1											1
Kansas.....			1										1
Maryland.....								1					1
New Jersey.....							1						1
North Carolina.....								1					1
South Carolina.....							1						1
Texas.....									1				1
Virginia.....		1			1		2	1	2				7

Undulant fever¹—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....		1			1	2	3		3	3	3	1	17
Arizona.....	3			1			1	2	1		3	2	13
Arkansas.....													2
California.....	2	1	5	6	6	6	5	9	5	14	9	4	72
Colorado.....				1	1		1			1	1		5
Connecticut.....		1		1	2		2		3	1	2		12
Delaware.....													5
District of Columbia.....													1
Florida.....						1	1	1	1		4		8
Georgia.....				1				1	4	6	2		14
Idaho.....													1
Illinois.....	1		2	2	2	3	5	4	3	5	9	4	40
Indiana.....													13
Iowa.....	2	6	13	21	13	17	15	22	32	15	4	12	172
Kansas.....	8	1	2	6	6	4	11	18	16	4	4	5	85
Kentucky.....						8	2	1		1			13
Louisiana.....				4	1	4	6	1				1	2
Maine.....		1						1					2
Maryland.....			2	1	4	2	3	1	2		1	1	18
Massachusetts.....		1				1	1		1	1		2	7

¹ Cases of undulant fever reported by State health officers have been supplemented by data received from other sources. The supplementary reports are included in the totals, but not distributed by months.

Undulant fever—Cases reported, 1929—Continued

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Michigan			1					1				2	4
Minnesota													45
Mississippi					1			2	1				3
Missouri				1	2			1	26	12	5	5	50
Montana													3
Nebraska								1	3	1		3	8
Nevada													3
New Hampshire													1
New Jersey													13
New Mexico									2				2
New York	3	4	5	4	10	11	14	7	8	19	13	6	104
North Dakota					1	1				2		1	5
Ohio	2	11	2	3	11	6	4	4	10	8	9	3	73
Oklahoma	1							1				1	4
Oregon	1			2	1	2	5		3	2		3	19
Pennsylvania		1				1	2	6	11	1	2	1	25
Rhode Island		1										1	3
South Carolina		2		1		1	2		3	1	2		11
Tennessee													5
Texas				1	1			1					3
Utah							1	1					2
Vermont													2
Virginia			1				1		2				4
Washington				1					10	8		3	22
Wisconsin													42
Wyoming											1	1	2

Undulant fever—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona										1			1
California									1				1
Idaho										1			1
Illinois							1			1			2
Iowa		3	3	1			1		2	1	1		12
Kansas						2				1	1	1	5
Louisiana			1	1									2
Michigan						1			1		1		3
Nebraska									1				1
Nevada											1		1
North Carolina					1						1		2
Oklahoma	1												1
Pennsylvania		1	1						1				3
South Carolina								1					1
Texas				1	1			1					3
Virginia										1			1
Wisconsin						1							1

Whooping cough—Monthly estimated expectancy based on data which are available for the years 1922–1928, inclusive

State	Number of years included	January	February	March	April	May	June	July	August	September	October	November	December	Total
Alabama.....	7	113	122	110	133	221	195	206	115	69	96	64	95	1,539
Arizona.....	6	12	11	15	19	10	13	10	7	12	8	10	10	137
Arkansas.....	7	72	101	107	73	133	141	117	104	36	57	40	59	1,040
California.....	7	381	459	772	761	1,071	463	341	313	280	279	312	295	5,727
Colorado.....	6	98	106	168	160	171	152	155	107	63	45	39	63	1,327
Connecticut.....	7	313	197	253	266	216	165	212	191	170	157	235	222	2,597
Delaware.....	7	15	11	7	1	6	3	6	3	7	6	12	16	93
District of Columbia.....	7	43	44	64	47	53	54	52	45	34	33	36	55	560
Florida.....	7	20	38	51	49	77	47	39	28	26	11	20	15	421
Georgia.....	7	35	84	151	90	160	84	99	60	39	40	29	28	899
Idaho.....	7	6	10	23	26	37	11	17	23	14	12	6	1	186
Illinois.....	7	779	896	1,015	870	906	1,051	953	782	662	563	621	786	9,884
Indiana.....	5	261	247	225	272	195	178	247	190	98	108	99	168	2,288
Iowa.....	6	52	47	56	47	45	53	45	26	22	30	52	51	526
Kansas.....	7	258	289	354	337	283	436	333	224	160	169	239	147	3,229
Kentucky.....	5	81	78	73	64	63	37	77	61	51	38	36	33	692
Louisiana.....	7	32	37	49	53	81	81	49	33	25	17	29	33	519
Maine.....	7	123	195	172	106	121	75	94	56	71	92	144	131	1,380
Maryland.....	7	268	195	278	256	290	334	392	273	199	197	271	279	3,232
Massachusetts.....	7	641	602	760	625	664	517	413	389	379	336	442	604	6,372
Michigan.....	7	596	532	611	574	651	613	732	673	519	438	457	512	6,908
Minnesota.....	7	86	121	135	179	184	151	127	120	100	109	109	107	1,528
Mississippi.....	7	925	1,267	1,579	1,677	1,334	1,481	954	593	572	543	698	726	12,349
Missouri.....	7	139	190	251	232	225	283	231	179	137	145	159	138	2,309
Montana.....	7	31	19	31	26	28	21	38	20	22	23	25	26	310
Nebraska.....	7	46	75	59	27	45	35	51	38	40	30	33	22	501
Nevada.....	4	9	7	4	5	4	1	1	2	4	1	1	3	42
New Hampshire.....	7	32	24	46	19	19	13	22	1	6	6	14	12	214
New Jersey.....	7	717	559	574	542	572	553	592	516	420	390	550	629	6,614
New Mexico.....	7	30	21	29	46	34	15	16	13	36	18	15	9	282
New York.....	7	1,730	1,618	1,705	1,720	1,516	1,379	1,382	1,240	1,069	1,061	1,349	1,440	17,209
North Carolina.....	7	544	687	1,636	828	1,243	1,071	1,010	688	470	446	448	364	9,435
North Dakota.....	7	27	22	44	47	41	50	31	36	59	25	37	24	443
Ohio.....	7	854	817	871	831	925	1,025	1,123	805	515	469	502	598	9,335
Oklahoma.....	6	70	89	88	107	114	140	92	43	38	49	45	61	936
Oregon.....	7	25	21	39	50	72	45	32	27	17	23	17	16	384
Pennsylvania.....	7	1,325	1,321	1,307	1,109	1,195	1,071	1,309	1,208	1,095	890	973	1,065	13,868
Rhode Island.....	7	25	28	27	23	28	22	21	12	14	18	18	26	262
South Carolina.....	6	165	227	274	355	267	240	193	125	92	111	125	135	2,309
South Dakota.....	7	21	26	29	17	22	18	18	39	30	19	26	20	285
Tennessee.....	7	158	193	125	171	171	191	132	69	100	115	59	100	1,584
Texas.....	7	78	148	171	127	183	204	191	101	79	56	55	107	1,500
Utah.....	5	167	310	312	351	360	333	310	234	177	123	133	140	2,950
Vermont.....	7	235	151	111	111	77	116	116	69	91	132	175	242	1,626
Virginia.....	5	967	956	1,113	777	971	900	689	602	384	295	392	564	8,610
Washington.....	7	86	106	194	188	169	146	131	128	57	60	77	47	1,389
West Virginia.....	7	192	189	176	113	146	179	151	79	84	70	95	1,544	
Wisconsin.....	7	599	435	506	533	516	433	662	690	510	414	507	479	6,284
Wyoming.....	7	22	24	17	9	31	14	12	15	11	19	6	24	204

Whooping cough—Cases reported, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Alabama.....	152	111	90	177	156	240	193	102	75	68	97	97	1,558
Arizona.....	16	17	21	11	18	65	8	20	59	57	30	30	326
Arkansas.....	39	61	102	54	44	84	129	88	28	31	49	97	806
California.....	990	759	976	1,230	1,548	814	791	557	436	495	430	346	9,372
Colorado.....	39	63	45	82	77	89	66	93	48	60	54	106	822
Connecticut.....	149	95	115	142	127	130	140	107	87	140	146	189	1,567
Delaware.....	37	19	13	12	43	33	9	6	4	31	24	13	244
District of Columbia.....	100	102	120	129	110	79	42	41	22	5	19	19	788
Florida.....	65	82	253	235	244	90	79	34	21	18	20	30	1,171
Georgia.....	47	42	281	147	305	265	172	131	135	90	99	56	1,770
Idaho.....	3	7	4	6	6	34	20	21	31	23	38	50	243
Illinois.....	553	567	650	697	829	884	1,240	1,244	972	807	974	860	10,277
Indiana.....	148	267	481	319	212	166	149	179	72	55	104	74	2,326
Iowa.....	210	127	155	111	116	142	137	100	91	73	137	158	1,467
Kansas.....	193	193	125	99	144	398	364	275	302	326	242	262	2,923
Kentucky.....	47	66	149	123	152	120	193	114	96	46	109	112	1,327
Louisiana.....	25	13	101	64	21	41	53	45	25	10	25	11	434
Maine.....	74	64	106	118	93	89	69	33	30	62	129	96	965
Maryland.....	426	388	631	635	583	542	485	251	148	224	239	165	4,717
Massachusetts.....	653	488	699	710	748	728	649	528	415	462	668	960	7,708
Michigan.....	629	883	1,058	1,261	1,165	783	1,020	785	524	350	458	424	9,340
Minnesota.....	217	232	437	588	284	114	110	130	113	112	158	154	2,649
Mississippi.....	1,002	957	1,386	1,716	1,687	1,605	1,296	822	733	578	694	858	13,324
Missouri.....	256	238	401	389	362	562	429	304	162	163	232	94	3,612
Montana.....	58	37	33	34	8	14	67	25	16	9	13	35	349
Nebraska.....	46	62	64	63	137	92	87	125	51	95	67	73	962
Nevada.....	18	18	17	-----	3	1	11	4	1	-----	-----	-----	73
New Hampshire.....	5	7	12	4	6	36	7	5	9	6	14	1	112
New Jersey.....	707	587	828	917	840	887	954	639	511	446	491	512	8,319
New Mexico.....	300	424	458	320	118	79	38	13	12	32	6	10	1,510
New York.....	1,337	1,197	1,459	1,459	1,568	1,312	1,687	1,226	1,352	1,088	1,339	1,232	16,256
North Carolina.....	352	735	1,128	1,418	1,557	1,732	974	746	560	771	789	789	12,434
North Dakota.....	57	57	85	51	24	21	50	31	32	43	27	21	499
Ohio.....	1,537	1,658	1,913	2,119	1,698	1,707	1,686	1,071	692	546	642	615	15,884
Oklahoma.....	32	78	121	120	74	131	50	51	32	30	55	41	815
Oregon.....	5	24	15	37	57	36	50	40	36	20	34	43	397
Pennsylvania.....	1,564	1,653	1,715	1,872	1,795	1,554	2,053	1,675	1,352	1,311	1,324	1,303	19,171
Rhode Island.....	43	24	20	17	36	71	56	16	20	16	62	34	415
South Carolina.....	185	237	628	936	860	1,161	867	693	419	333	463	27	7,058
South Dakota.....	19	26	11	17	13	69	18	19	54	22	18	3	322
Tennessee.....	58	102	200	112	142	342	223	125	101	68	135	77	1,685
Texas.....	257	720	551	423	299	244	82	110	54	47	62	50	2,899
Utah.....	107	159	151	151	234	244	210	181	136	109	164	225	2,071
Vermont.....	167	119	191	144	95	86	91	51	81	144	107	120	1,396
Virginia.....	608	590	774	782	897	983	1,084	713	539	809	836	1,033	9,648
Washington.....	141	189	289	537	405	312	250	179	205	113	117	79	2,816
West Virginia.....	159	125	223	256	230	333	165	203	116	69	199	151	2,229
Wisconsin.....	488	827	837	989	966	922	1,084	1,212	733	637	666	580	9,941
Wyoming.....	3	1	6	9	5	4	11	4	3	6	15	7	74

Whooping cough—Deaths registered, 1929

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Arizona.....	2	2	7	4	5	8	2	2	2		1		35
Arkansas.....	16	11	10	11	11	16	31	13	14	14	8	7	162
California.....	27	15	28	31	35	38	30	27	13	11	10	13	278
Colorado.....	8	6	2	7	2	5	3	2	5	2	2	1	45
Connecticut.....	9	6	4	1	3	4	3	3	2	1	3	3	42
Delaware.....	6	1	1	7		1		1		3	1	2	23
District of Columbia.....	5	1	3	1	2	1		5		3	1	2	24
Florida.....	3	3	9	15	13	13	8	6	3	7	2	4	86
Georgia.....	11	9	15	13	12	36	43	37	34	26	13	25	274
Idaho.....	1		2	2	2	2	1	1					13
Illinois.....	19	13	16	21	26	19	23	37	31	16	24	15	260
Indiana.....	20	18	17	18	20	17	13	19	11	10	9	9	181
Iowa.....	11	6	13	16	10	5	10	10	10	1	5	5	102
Kansas.....	9	11	9	7	4	4	7	6	3	5	6	2	73
Kentucky.....	25	26	22	19	18	20	10	27	18	20	18	17	240
Louisiana.....	9	10	10	14	9	11	19	7	7	5	9	3	113
Maine.....	10	3	4	5	3	2	1	4		2	2	2	38
Maryland.....	17	16	11	8	7	6	10	16	7	9	12	9	128
Massachusetts.....	19	11	17	12	6	12	7	11	9	10	11	12	137
Michigan.....	28	27	18	27	32	21	13	29	25	18	8	11	257
Minnesota.....	21	13	11	11	12	3	11	7	9	6	5	7	116
Mississippi.....	21	14	18	21	16	27	20	19	15	16	9	7	203
Missouri.....	38	29	22	12	24	16	24	12	14	21	13	13	238
Montana.....	6	6	1	1	1	1		1	2	1		1	21
Nebraska.....	4	3	6	2	9	4	8	5	4	2	5	4	56
Nevada.....	2												2
New Hampshire.....	3	1	2	4		1		1	1		4		17
New Jersey.....	46	19	18	18	14	6	10	15	15	12	4	8	185
New Mexico.....	5	6	3	7	5	6	3	6		1	6	10	58
New York.....	61	35	40	29	25	16	32	44	26	31	20	13	372
North Carolina.....	23	19	13	18	24	46	25	29	20	16	8	20	261
North Dakota.....	8	8	7	3	4	4	3	1	1	1		2	42
Ohio.....	70	45	62	47	50	60	48	49	36	24	12	18	521
Oklahoma.....	6	11	12	16	19	15	16	6	6	7	4	6	124
Oregon.....			2	1	2		2		3			1	11
Pennsylvania.....	106	64	49	44	36	35	44	55	42	33	28	36	572
Rhode Island.....	9	5	4	3	2	2	3	6	3	2	6	8	53
South Carolina.....	5	13	12	20	27	35	29	25	14	14	14	11	219
South Dakota.....	1	2	2	1	7	4	1	1	1	2	3	1	26
Tennessee.....	25	11	8	14	16	11	30	21	17	12	13	13	191
Texas.....	20	35	34	22	32	22	10	8	7	15	6	5	216
Utah.....		2	1	2	2	5	1	4	2	1	1	2	23
Vermont.....	2	1	1	1	6	1	1	1			1	2	17
Virginia.....	40	19	15	14	21	24	28	40	22	17	13	26	279
Washington.....	1	8	3	2	3	5	1	4	4	2		2	35
West Virginia.....	36	15	16	11	12	16	18	31	20	19	4	20	218
Wisconsin.....	6	8	8	16	14	12	11	10	5	4	8	9	111
Wyoming.....							1	1					2

Whooping cough—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929; estimated expectancy and indicated annual rates based on years 1922-1928

State	Population estimated, July 1, 1929	Estimated expectancy			1929				
		Number of years	Cases	Cases per 1,000 inhabitants	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama.....	2,624,000	7	1,539	0.614	1,558	0.594	256	0.098	6
Arizona.....	428,000	6	137	.352	326	.761	35	.082	9
Arkansas.....	1,847,000	7	1,040	.576	806	.436	162	.088	5
California.....	5,508,000	7	5,727	1.237	9,372	1.702	278	.050	34
Colorado.....	1,028,000	6	1,327	1.339	822	.800	45	.044	18
Connecticut.....	1,588,000	7	2,597	1.730	1,567	.987	42	.026	37
Delaware.....	483,000	7	93	.402	244	1.028	23	.097	11
District of Columbia.....	483,000	7	560	1.207	788	1.631	24	.050	33
Florida.....	1,430,000	7	421	.341	1,171	.819	86	.060	14
Georgia.....	2,902,000	7	899	.310	1,770	.610	274	.094	6
Idaho.....	445,000	7	186	.423	243	.546	13	.029	19
Illinois.....	7,526,000	7	9,884	1.395	10,277	1.366	260	.034	40
Indiana.....	3,204,000	5	2,288	.741	2,326	.726	181	.056	13
Iowa.....	2,463,000	6	526	.216	1,467	.596	102	.041	14
Kansas.....	1,872,000	7	3,229	1.766	2,923	1.562	73	.039	40
Kentucky.....	2,609,000	5	692	.274	1,327	.509	240	.092	6
Louisiana.....	2,073,000	7	519	.265	434	.209	113	.054	4
Maine.....	798,000	7	1,380	1.757	965	1.210	38	.048	25
Maryland.....	1,616,000	7	3,232	2.090	4,717	2.919	128	.079	37
Massachusetts.....	4,224,000	7	6,372	1.566	7,708	1.825	137	.032	56
Michigan.....	4,756,000	7	6,908	1.607	9,340	1.964	257	.054	36
Minnesota.....	2,553,000	7	1,528	.615	2,649	1.037	116	.045	23
Mississippi.....	1,992,000	7	12,349	6.475	13,324	6.688	203	.102	66
Missouri.....	3,605,000	7	2,309	.656	3,612	1.002	238	.066	15
Montana.....	537,000	7	310	.572	349	.650	21	.039	17
Nebraska.....	1,373,000	7	501	.374	962	.701	56	.041	17
Nevada.....	90,000	4	42	.496	73	.811	2	.022	36
New Hampshire.....	464,000	7	214	.470	112	.242	17	.037	7
New Jersey.....	3,964,000	7	6,614	1.825	8,319	2.098	185	.047	45
New Mexico.....	422,000	7	282	.712	1,810	4.286	58	.137	31
New York.....	12,456,000	7	17,209	1.486	16,256	1.305	372	.030	44
North Carolina.....	3,126,000	7	9,435	3.268	12,434	3.978	261	.083	48
North Dakota.....	680,000	7	443	.665	499	.734	42	.062	12
Ohio.....	6,575,000	7	9,335	1.498	15,884	2.416	521	.079	30
Oklahoma.....	2,365,000	6	936	.421	815	.345	124	.052	7
Oregon.....	940,000	7	384	.439	397	.422	11	.012	36
Pennsylvania.....	9,573,000	7	13,868	1.505	19,171	2.002	572	.060	34
Rhode Island.....	681,000	7	262	.404	415	.609	53	.078	8
South Carolina.....	1,729,000	6	2,309	1.350	7,058	4.082	219	.127	32
South Dakota.....	687,000	7	285	.428	322	.469	26	.038	12
Tennessee.....	2,589,000	7	1,584	.638	1,685	.651	191	.074	9
Texas.....	5,737,000	7	1,500	.284	2,899	.505	216	.038	13
Utah.....	499,000	5	2,950	6.172	2,071	4.153	23	.046	90
Vermont.....	359,000	7	1,626	4.567	1,396	3.893	17	.047	82
Virginia.....	2,411,000	5	8,610	3.635	9,648	4.001	279	.116	35
Washington.....	1,547,000	7	1,389	.947	2,816	1.820	35	.023	80
West Virginia.....	1,709,000	7	1,544	.962	2,229	1.304	218	.127	10
Wisconsin.....	2,908,000	7	6,284	2.251	9,941	3.418	111	.038	90
Wyoming.....	222,000	7	204	.969	74	.333	2	.009	37

Yellow fever

No case of yellow fever, or death from this disease, was reported in the United States during 1929.

*Hawaii Territory*¹—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1929

Disease	January	February	March	April	May	June	July	August	September	October	November	December	Total	Rates per 1,000 inhabitants	Cases reported for each death registered
Chicken pox:															
Cases.....	20	18	37	37	25	6	4	5	6	15	19	30	222	0.616	-----
Diphtheria:															
Cases.....	40	47	18	31	50	29	26	27	33	42	41	30	414	1.150	13
Deaths.....	1	3	4	6	2	3	2	1	4	2	1	3	32	.089	-----
Influenza:															
Cases.....	79	124	147	256	50	26	26	8	17	8	6	12	759	2.108	12
Deaths.....	7	9	6	12	7	6	6	4	2	1	3	1	64	.178	-----
Lethargic encephalitis:															
Cases.....	-----	-----	-----	-----	-----	-----	1	-----	1	-----	-----	-----	2	.006	1
Deaths.....	-----	-----	-----	-----	-----	-----	1	-----	1	-----	-----	-----	2	.006	-----
Measles:															
Cases.....	10	18	66	95	78	70	41	11	2	9	13	23	436	1.211	24
Deaths.....	1	1	1	-----	5	5	4	1	-----	-----	-----	-----	18	.050	-----
Meningococcus meningitis:															
Cases.....	10	20	68	25	33	18	7	4	7	6	2	3	203	.564	3
Deaths.....	3	3	21	11	15	8	6	1	2	5	-----	2	79	.219	-----
Mumps:															
Cases.....	9	14	19	10	19	11	11	7	1	1	7	37	146	.405	146
Deaths.....	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	1	.003	-----
Pneumonia (all forms):															
Cases.....	68	118	97	143	132	80	86	61	50	65	44	74	1,018	2.827	2
Deaths.....	43	67	48	72	62	40	37	22	31	32	29	27	510	1.416	-----
Poliomyelitis (infantile paralysis):															
Cases.....	-----	-----	-----	1	1	1	-----	1	2	-----	-----	-----	6	.017	1
Deaths.....	-----	-----	-----	-----	1	-----	-----	1	1	-----	1	-----	4	.011	-----
Scarlet fever:															
Cases.....	12	10	12	11	7	-----	-----	1	3	3	4	2	65	.181	-----
Septic sore throat:															
Cases.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	1	.003	1
Deaths.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	1	.003	-----
Tuberculosis (all forms):															
Cases.....	98	87	77	106	90	90	86	78	100	61	74	39	1,017	2.824	3
Deaths.....	32	24	26	37	38	36	35	33	32	30	36	35	394	1.094	-----
Tuberculosis (respiratory system):															
Cases.....	89	76	66	97	70	75	53	75	60	83	50	57	851	2.363	2
Deaths.....	28	19	24	30	34	31	29	31	26	30	32	33	347	.964	-----
Typhoid fever:															
Cases.....	9	3	11	7	7	3	7	7	7	7	10	10	88	.244	6
Deaths.....	-----	1	4	1	1	-----	2	-----	2	1	1	1	14	.039	-----
Whooping cough:															
Cases.....	242	216	169	426	176	95	51	23	41	10	4	7	1,460	4.054	15
Deaths.....	9	10	13	23	21	10	5	3	3	3	-----	-----	100	.278	-----

¹ Population estimated, July 1, 1929, 360,000.

Philippine Islands—Cases reported, deaths registered, and fatality rates, 1929

Disease	January	February	March	April	May	June	July	August	September	October	November	December	Total	Cases reported for each death registered
Anthrax in man:														
Deaths	9	4	8	4	10	7	5	5	1		2		55	
Chicken pox:														
Cases	224	389	470	325	111	43	42	39	56	59	81	132	1,971	493
Deaths			1	2	1								4	
Dengue:														
Deaths	4	12	6		1	3		4	19	6	2	2	59	
Diphtheria:														
Cases	31	29	31	33	14	15	20	16	14	24	26	33	286	2
Deaths	9	11	11	11	2	9	12	9	9	9	6	17	115	
Influenza:														
Cases	1,495	1,272	1,394	1,101	1,113	1,501	1,902	1,871	2,056	2,439	1,723	1,509	19,396	2
Deaths	598	590	615	593	588	633	799	839	717	715	601	662	7,950	
Lethargic encephalitis:														
Cases	3	3	1	1	2	1		1	2			2	16	1
Deaths	3	2	1	1	2	1		1	2			2	15	
Malaria:														
Cases	5,505	4,955	4,941	4,385	4,434	4,910	5,792	6,128	6,192	5,343	5,633	5,656	63,874	4
Deaths	1,321	1,139	1,226	1,227	1,304	1,317	1,435	1,416	1,280	1,253	1,160	1,255	15,333	
Measles:														
Cases	352	196	226	232	164	103	168	289	424	186	151	257	2,748	6
Deaths	49	29	30	34	47	27	32	44	46	36	46	31	451	
Meningococcus meningitis:														
Cases				2	3	10	3	1	1		1	4	25	1
Deaths				3		9	2	1	1		1	3	20	
Mumps:														
Deaths		1	1	5	1	1	3	2	1		3	1	19	
Pellagra:														
Deaths				1								1	2	
Pneumonia (all forms):														
Deaths	394	411	487	462	470	408	395	384	395	314	308	400	4,828	
Polio myelitis (infantile paralysis):														
Deaths		2	2		2	1	1						8	
Rabies in man:														
Deaths	16	8	9	11	19	13	10	12	10	14	6	5	133	
Septic sore throat:														
Deaths	4	8	4	4	3	3	7	7	5	3	5	11	64	
Smallpox:														
Cases										3	21	284	308	5
Deaths										1	23	35	59	
Tuberculosis (all forms):														
Cases	3,523	2,988	3,209	3,135	3,093	3,469	3,874	3,566	3,276	3,312	3,190	3,251	39,886	1
Deaths	2,865	2,532	2,800	2,538	2,631	2,695	2,928	2,924	2,765	2,672	2,612	2,700	32,662	
Tuberculosis (respiratory system):														
Cases	3,323	2,833	3,000	2,946	2,908	3,252	3,656	3,355	3,086	3,113	2,973	3,072	37,517	1
Deaths	2,698	2,392	2,621	2,370	2,479	2,518	2,732	2,730	2,599	2,491	2,432	2,541	30,603	
Typhoid fever:														
Cases	216	177	204	239	193	215	170	215	180	206	168	148	2,331	2
Deaths	112	116	132	144	110	128	101	116	110	108	94	84	1,355	
Whooping cough:														
Cases	154	120	184	132	108	248	198	231	222	218	295	253	2,363	2
Deaths	78	69	74	74	61	89	102	87	84	74	100	106	998	

*Porto Rico*¹—Deaths registered, and mortality rates, 1929

Disease	January	February	March	April	May	June	July	August	September	October	November	December	Total	Deaths per 1,000 inhabitants
Anthrax in man.....		1		1				1					3	0.002
Diphtheria.....	12	9	11	13	1	4	2	10	8	6	10	5	91	.060
Influenza.....	72	19	10	7	9	12	2	2	2	7	10	6	158	.104
Lethargic encephalitis.....	1												1	.001
Malaria.....	251	153	205	159	167	158	157	157	162	173	189	174	2,105	1.379
Measles.....	2	8	11	16	15	11	9	4	6	5	6	11	104	.068
Mumps.....	1		1				1						3	.002
Pellagra.....			1			1	2	1	1		2	1	9	.006
Pneumonia (all forms).....	294	272	297	245	249	269	260	223	211	236	237	227	3,020	1.979
Poliomyelitis (infantile paralysis).....		1	1							1			3	.002
Tuberculosis (all forms).....	384	369	443	363	401	393	402	372	396	362	358	358	4,601	3.015
Tuberculosis (respiratory system).....	366	349	423	339	381	372	369	349	373	335	338	334	4,328	2.836
Typhoid fever.....	19	14	15	19	25	31	24	21	17	17	10	9	221	.145
Whooping cough.....	15	8	10	8	8	12	9	10	4	7	9	13	113	.074

¹ Population estimated, July 1, 1929, 1,526,000.

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